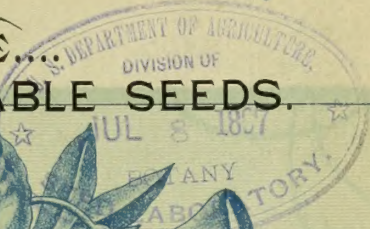


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CATALOGUE OF....
....CHOICE....
FLOWER AND VEGETABLE SEEDS.

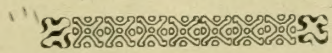


1893.

1893.



J. M. PHILIPS' SONS,



MERCERSBURG, . PA.

With our greetings and best wishes for a prosperous and a happy New Year to all our friends and customers, we again have the pleasure of presenting to your notice an extract of our Catalogue for the ensuing season, we hope you will be induced by the extremely low prices to favor us with your general order, which shall have our careful and prompt attention.

OUR Catalogue, We do not claim to publish a book as large as some other Seedsmen, or do we want to exaggerate the illustration and description in our catalogue, we only wish to do the vegetables justice by representing the vegetables just what they are.

True Description. We have made most careful comparison throughout our entire book, both in our own trials and careful observance of many testing grounds, our descriptions of all varieties offered by us will be found true as we can make them, which is of great value to the buyer.


Philips Seeds, ARE WARRANTED TO BE FIRST-CLASS, in every respect. "Few equal and none better."

WE ALSO GUARANTEE all seeds and other goods ordered of us shall reach the purchaser safely and in good condition. We are also responsible for the receipt of all money, if sent as directed below. Thus even customers in the most farthest States and Territories can obtain their supplies as safely and have their orders as carefully executed, as if they had called in person at our Seed-warehouse.

Seeds post-paid by mail. In considering our prices both of new and standard Vegetable and Flower Seeds; please bear in mind that we pay postage on all Vegetable and Flower Seeds, by the packet or ounce. In ordering, state distinctly how seeds are to be sent, by mail, express or by freight, otherwise we will use our own judgement as we think best. When large quantities of Seeds are wanted it is always best to order early, so as they can be sent by freight, as the charges are much cheaper than by express. Small orders, can be sent as cheap by express.

How to order. We cannot too often reiterate, be very careful to always sign your name, post-office, county and State on each and every letter sent to us. Cash must always be sent with order. Money can be sent safely either by post-office order, bank draft, express or by registered letter. Every post-master is obliged by law to register a letter on payment of ten cents, then you will receive our receipt for letter by return mail.

We accept two cent postage-stamps the same as cash.

 All orders must be addressed to

**J. M. Philips' Sons,
Mercersburg, Pa.**

J. A. PHILIPS,
E. H. PHILIPS,
D. C. PHILIPS,

A Book that is Worth its Weight in Gold to Every Farmer and House-keeper in America!

THE FARM AND HOUSEHOLD CYCLOPÆDIA.

This book is a complete ready reference library for farmers and housekeepers, being filled with useful facts, hints and suggestions upon all subjects pertaining to rural and domestic affairs, embracing the results of experiment and research by scientific and practical men and women in all civilized countries. It contains the cream or substance of more than a dozen ordinary agricultural and household books, and is the only first-class work of the kind ever sold at less than six dollars. It is a book to be consulted every day in any emergency, and to be read at all times with interest and profit. It is such a book as every farmer and housekeeper needs and ought to have, supplying the universal want of a reliable counsellor upon every topic relating to the farm and household, and will save its small cost every week in the year. The work is profusely illustrated, and is divided into two general headings, viz.: *The Farm and The Household*, each of which occupies half the book. These are again subdivided into a number of departments. We append a partial summary of the contents:

Rural Architecture.—This department comprises designs and plans for country houses, cottages, barns and other outbuildings, with valuable suggestions to those intending to build.

Fences and Gates.—Descriptions of great variety of gates and fences, for farm and lawn, ornamental and cheap, with plain directions for their construction, are here given.

Field Crops.—This department contains valuable hints and useful suggestions regarding the cultivation of wheat, corn, potatoes, hay, roots, tobacco, etc., tracts of plowing, seeding, hoeing, weeding and harvesting, the diseases and insect or other enemies of crops and the best methods of combating them, etc., etc.

Fertilizers.—This important subject, than which nothing is of greater importance, is fully treated. Information is given as to the value of each of the various substances in their application to different crops and qualities of soil, likewise as to home manufacture and production of fertilizers, etc., etc.

The Garden.—Under this heading is given valuable information regarding the successful growing of asparagus, celery, cauliflower, tomatoes, onions, squashes, melons, cucumbers, cabbages, parsley, spinach, beans, beets, radishes, mushrooms, etc., directions for destroying garden pests, and much other matter.

Orchard and Vineyard.—Under this heading we have a complete fruit book, with a vast amount of useful information for growers of peaches, plums, pears, apples, cherries, quinces and grapes; directions for pruning and grafting, care and management, and for curing disease and eradicating pests, etc., etc.

Small Fruits.—This department gives directions for the successful cultivation of raspberries, blackberries, whortleberries, gooseberries, currants and cranberries, enumerating the experiences of the most successful small fruit culturists.

Live Stock.—More than fifty pages are allotted to this important subject, and herein will be found information of great value regarding the care and management, feeding and rearing of horses, cattle, sheep and hogs; directions for the cure of all diseases peculiar to them and of all unruly and vicious habits, for the construction of necessary buildings and conveniences, etc., etc.

The Poultry Yard.—This department gives the fullest information regarding the raising and management of poultry, tells how and what to feed, how to make incubators, how to raise artificially-hatched chickens, how to cure all diseases of poultry; gives numerous designs and plans for approved poultry houses, coops and yards, directions for marketing, preserving eggs, canning, etc.

The Dairy.—Under this heading is given the fullest information regarding butter making and dairy farming, embracing the experiences of the most successful dairymen.

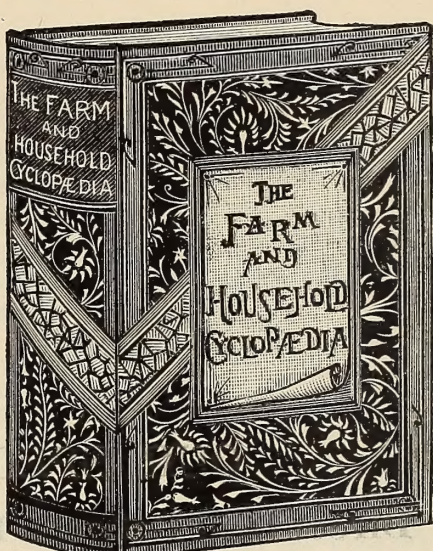
The Apiary.—The care and management of bees is fully treated in this department, and to those interested in this profitable pursuit, the information here given will be found invaluable.

Farm Implements.—Directions for making numerous useful and labor-saving utensils, all of which are unpatented and may be easily made, are here given. Among them are harrows, hay elevators, weeding implements, tread powers, corn-markers, clod crushers, post drivers, plow attachments, corn shellers, road scrapers, snow plows, bag holders, etc., etc.

Around the Farm.—The topics treated in this department are such as could not be properly classified elsewhere. Among them are ensilage, drainage, lawn mowing, painting, whitewashing, smoke houses, ice houses, cellars, traps, tanning hides, curing meats, and hundreds of other matters, the department being one of the most valuable in the book.

Only a very small portion of the contents of this book are enumerated above. It is a vast storehouse of useful facts, hints and suggestions of the utmost value to farmers and housekeepers, and no man who has a home and an acre or more of land can afford to be without it. The publishers know full well that farmers are a class who have no money to waste upon luxuries, and are equally well aware that the purchase of this book will be to them the most profitable of investments. While other books of this character are sold for \$6.00 and \$10.00, for all practical purposes they are no better than this. The book meets a universal want, and should find its way into every rural home.

THE FARM AND HOUSEHOLD CYCLOPÆDIA is a large and handsome book of 644 pages, 12mo., printed upon fine paper, and elegantly bound in cloth, embellished with artistic designs in black and gold. It contains **Two Hundred and Forty-Nine Illustrations**, the original cost of which was nearly \$5,000. The book will be sent by mail post-paid upon receipt of price, only **One Dollar**. It is as large and as handsomely gotten up as books usually sold at \$1.50 and \$2.00, and its contents are worth the weight of the book in gold to every farmer and housekeeper.



Cooking Recipes.—This department occupies seventy pages, and is a complete and most excellent cook book. It comprises a large number of recipes for breakfast dishes, soups, meats and poultry, fish, vegetables, salads and relishes, bread and rolls, jellies and preserves, puddings, pies, fancy dishes, cakes, ice cream, loaves, summer drinks, and confectionery.

Ladies' Fancy Work.—Herein are given designs and directions for making many beautiful things for the adornment of the home at small cost, including table covers, hanging baskets, tidies, embroidery designs, rugs, work baskets, hassocks, pillow shams, clothes brush holders, scrap bags, pin cushions, pen wipers, music stands, card baskets, screens, slipper cases, catchalls, ottomans, sofa pillows, wall pockets, etc., etc.

Floriculture.—The thirty pages allotted to this subject will be found of great interest and value to every lady who cultivates flowers. Information is given as to the best method of propagating and treating all the different plants, the cure of disease and eradication of insect pests, likewise directions for making many beautiful floral and other devices, for window gardening, etc., etc.

The Home Physician.—The fifty pages allotted to this department form a complete medical book, and are quite as valuable as nine-tenths of the books of this kind sold. Herein are given simple yet reliable home remedies for all the common complaints to which mankind is subject, and the information thus gained will be found to save many dollars in doctor's bills annually.

The Toilet.—The teeth, hands, hair, breath, lips, skin and complexion are treated under this heading; directions are given for removing all blemishes from and beautifying the same, likewise recipes for various kinds of perfumery, etc., etc.

The Laundry.—Directions for washing all kinds of fabrics and garments, for making washing machines, clothes bars, clothes sprinklers, washing fluids, starch enamels, and much other information of great value will be found in this department.

Hints and Helps.—This department is in itself a complete cyclopædia of valuable and useful household information, worth more than the price of the book to every housekeeper. It is filled with facts, hints and suggestions upon such a variety of topics that we have not space to enumerate even a portion of them.

1. Thirty cents worth of Flower Seeds will be given free with the book for One Dollar.
2. The above book will be given free as a Premium. Any person sending us an order for Flower Seeds of your own selection in 5, 10 and 25 cent packets to the amount of Two Dollars, mailed free with Premium Book.
3. By sending us three dollars with the order you can select vegetable seeds in 5 cent packs to that amount will be mailed free with the Premium Book.

GARDENING.

Success in Growing of Vegetables. Is certain, just in proportion as sufficient space is given to grow in, proper tillage bestowed, and the necessary supply of light and air afforded. These conditions met, the crop will be heavy and the quality superior. In the directions found in this Catalogue we name the least space required by the different varieties. This has been done in view of the limited size of many gardens, which necessitates economy of ground. Where the garden will allow it, more liberal space should be given; having set apart sufficient space, give the ground a thorough preparation. Deep culture is one secret of success. It is important that the ground be well drained. All crops succeed better when planted and cultivated in drills and rows, rather than broadcast; by so doing, time, expense and labor will be saved.

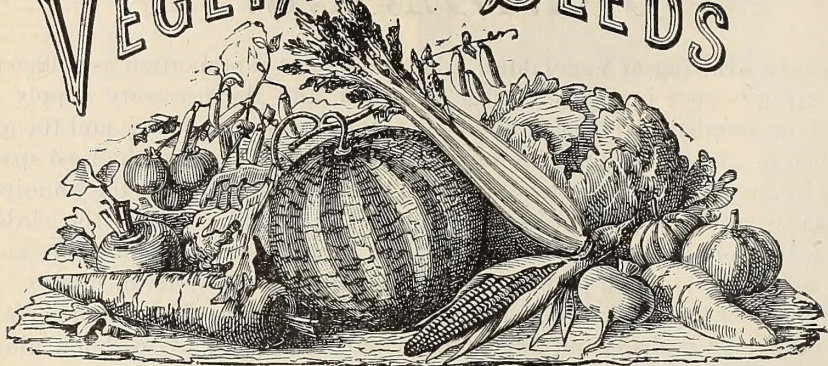
Rotation of Crops. A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil.

Care should be taken that deep-rooted plants, such as Beet, Carrot, Parsnip, etc. are not planted successive seasons in the same soil, but should be followed by those plants whose roots extend but little below the surface, Such as Onions Lettuce, Cabbage, Spinach, etc.; plants of the Brassica or Cabbage tribe, are apt to become diseased at the roots (Club-rooted as it is termed) if too frequently planted in same ground.

Why Seeds Fail. From a conviction that the Seedsman's fair reputation is often unjustly defamed through the failure of seeds, we briefly state some of the causes. Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in eastern Pennsylvania, where gardening operations are generally commenced in March. These directions may, however be applied to all other parts of the United States, by an observance of the difference in temperature. Failures often occur through seeds being deposited too deeply in the ground, or left to near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish. In sowing the seed during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ.

Seed Tests, for the protection of the planter and the benefit of the seller, are made thoroughly before the selling season at our establishment, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

VEGETABLE SEEDS



Our aim is to offer the very best varieties of seeds known; well tested and superior sorts that will be satisfactory to the buyer, and so to become a standing advertisement for us. Our success by so doing is attested by our many friends all over the union. The quality and permanency of Novelties and Specialties. All leading and meritorious varieties are herein described, and also such introductions of late years as have proven valuable. The description here given are accurately written and principally from our own experience. It is our constant aim to make highest quality a first consideration, then make our prices as low as good seeds can be sold. Our prices, therefore, will in all cases be found as low as those of any other reliable house. Our determination to distribute nothing but the very best seed that it is possible to obtain has increased our business to its present large proportions.

Club Rates for Seeds in packets.

| | | |
|-------------------------|---------------------------------------|------------------|
| For a Remittance of \$1 | you may select Seeds in packets only, | valued at \$1.25 |
| " " " " \$2 | " " " " " " " " " " | " " " " \$2.60 |
| " " " " \$3 | " " " " " " " " " " | " " " " \$4.00 |
| " " " " \$5 | " " " " " " " " " " | " " " " \$7.00 |

Above rates for Vegetable seed in 5 cent packs and Flower seeds only will be sent post-paid. Beans, Corn and Peas in 10 cent packs can be had at same rates but will be sent by express or freight at purchasers expense.


SEE OUR SPECIAL COLLECTIONS OF SEEDS.

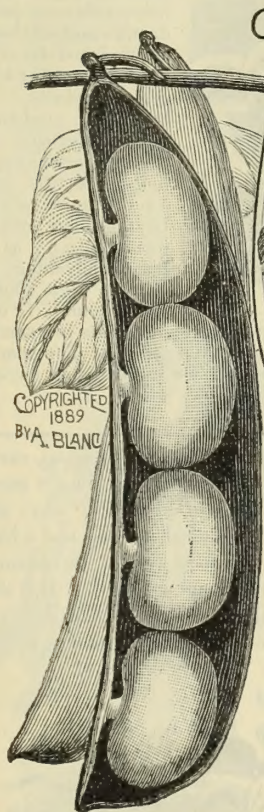
ASPARAGUS.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart and 2 feet apart in the rows, spreading the roots, covering; from 6 to 8 inches. On the approach of winter cover with manure or compost fork the beds early in spring and apply a dressing of salt.

Conover's Colossal. This is the standard variety, of large size, excellent quality and very productive. Pkt. 5c. oz. 10c. $\frac{1}{2}$ lb. 30c.

B E A N S .**BUSH, DWARF OR SNAP-SHORT.**

All the varieties of this class are tender, and will not bear cold. Plant about the middle of April, if the ground is warm and season favorable, plant at intervals throughout the season for succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed and draw the earth up to their stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.  Add 15 cts. per qt. extra if to be sent by mail.

**Henderson's Bush Lima Bean.**

Undoubtly the most valuable vegetable novelty that has been introduced in years. At least two weeks earlier than the climbing varieties.

As it is strictly a bush variety it does away with the use of unsightly poles on which to grow them, as in the case of the Climbing Limas. The new Bush Lima produces continuously from the time it comes into bearing (about the

last of July), and being enormously productive a very small patch will keep a family supplied with this splendid vegetable throughout the season. The beans are the size of the Seiva or Small Lima, and of delicious quality. Pkt. 10c. pt. 30c. qt. 50c.

Early Six Weeks. A very prolific and excellent variety. Beans kidney-shaped and large; color yellowish drab; pod long, flat and well filled. Pkt. 10c. qt. 30c.

Early Mohawk. This is one of the hardiest and most productive of the dwarf varieties; seeds, variegated with drab, purple and brown. Pkt. 10c. qt. 30c.

Early Red Eyed China. An old popular, early variety; excellent both for string and shelled beans, green or dry; seeds white with a bright red eye. Pkt. 10c. qt. 30c.

Improved Early Red Valentine.

A decided improvement on the old favorite, the Early Red Valentine. It is ten days earlier and much more prolific, and retains in the greatest perfection all the excellent points that have made the Early Red Valentine so popular. The pods are remarkably fleshy and tender, remains a long time on the plant without becoming hard. Pkt. 10c. qt. 30c.

Prolific Tree Bean. This variety, for field culture on rich soil, is very prolific; it grows to the height of 18 to 20 inches high, branching in all directions. One plant known to bear 399 full sized pods in Ohio. The pure white seed somewhat resembles the common Navy bean, but more rounded. Pkt. 10c. qt. 30c.

**IMP. RED VALENTINE.**



DWARF, LA PHILIP DE SHAH.

from us, a great number of remarkable long green handsome pods; some times eight inches in length, which are very straight, slender, almost cylindrical and as near perfection as possible. The many good qualities of this Bean will so make it a favorite everywhere. Very tender and delicious flavor. Foliage dark green, seed rather long, entirely black. Pkt. 15c. pt. 25c. qt. 40c.

GOLDEN PODS.

German Wax. About ten days earlier than the German Wax. Pods long, brittle, entirely stringless, of a rich golden color; as a snap sort it excels in rich, buttery flavor. It shells well when green and is of the highest quality in this condition; beans medium size, oval, white more or less covered with purplish red. Pkt. 10c. qt. 30c.

Black Wax. When ripe, pods are yellow averaging 7 inches in length, very tender and of the best quality. Seeds when ripe glossy black. Pkt. 10c. qt. 30c.

White Wax. One of the best for family use; stringless, waxy, yellow pods, very brittle, tender and of delicious flavor. Pkt. 10c. qt. 30c.

Chrystal White Wax. A very distinct white seeded sort, with waxy, transparent pods. It is stringless, crisp, tender, and of the richest flavor. The pod, though quick to develop, are slow to harden and retain their tenderness on the bush longer than any other sort. Pkt. 10c. qt. 30c.

Mont D'or. The earliest of the dwarf sorts, and a variety less liable to rust than any other. It is prolific, at times over 20 pods four or five inches long can be counted on a single plant. Has golden yellow pods of tender and most excellent flavor. Market gardeners particularly will find it a most profitable sort to grow on account to its extreme earliness, beautiful pods, and vigorous growth. Pkt. 10c. qt. 30c.

LaPhilip DeShah.

This new valuable Bean was discovered in France, we have succeeded in securing Seed to grow sufficient quantity to offer to our patrons. It is a decided improvement on the Black Negro Bean; if not quite so early it is much more productive and still better suited for the production of the green Haricots. One of the most important features of this new bean is very high, for this reason it is more valuable than any other dwarf Bean, as it has the advantage of bearing high above the ground, free

New Golden-Eyed Wax. This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance. The vine grows about one and a half feet high, holding the pods well off the ground, thus keeping them clean and attractive. It is singularly free from blight and rust. The pods are flat, larger than the Golden Wax, and nearly as the Flageolet Wax. (See cut on page 7). Pkt. 10c. pt. 20c. qt. 35c.



DWARF MONT D'OR BEAN.

BEANS, Pole or Running.

If warm, dry weather, plant about the middle of May, for an early crop, and about the first of June plant Limas and the other sorts for principal crop. Plant in hills, about four feet apart, and two inches deep.

German Wax.

(Black seeded;) pods of a fine, waxy semi-transparent white color; crisp tender and succulent and continuing so longer than most other sorts. Pkt. 10c



AMERICAN SICKLE.

Philips' American Sickle Bean. This bean was introduced two years ago by us, and has proven to all that have tried it to be one of the best green podded Pole Beans. To our assertion we find it to be the best green podded Pole Bean that we have ever grown, and we are convinced that it cannot be praised too highly. It is a good grower and exceedingly prolific bearer. The long pods being produced all over the vine in great clusters, the handsome green pods grow from 6 to 9 inches long, perfect in shape which are very fleshy and are of a superb quality. If shipped to market, they will keep better than the wax sorts; while their quality always commend the highest prices of all green podded Pole Beans. pkt. 10c. qt. 50c.

Giant Wax. Pods six to nine inches long; clear waxy yellow; thick and fleshy; very productive; when cooked, tender and delicious, seeds red when ripe. Pkt 10c. qt. 35c.

Dutch Case Knife. This is one of the earliest and the most prolific sort, having long, flat pods with white seeds, which are good green or dry. Pkt. 10c. qt. 35c.

Large White Lima. With nearly every one, the seeds either green or ripe, of this variety are considered the most tender and delicious of all the bean family and it is therefore universally grown both for market and family use. the ripe seeds are a flattish kidney shape, and have a dull white color. Pkt. 10c. qt. 35c.

Scarlet Runner. This variety grows fifteen feet high, a great favorite, both ornamental and useful, presenting dazzling scarlet flowers from July to October. Used both as a string bean and shelled. Pkt. 10c



B E E T .

Sow as early in the spring as the ground can be worked, and every two weeks after for succession, up to the first week of July. For general crop sow about the middle of May. The soil should be light sandy loam, well enriched with stable manure, should be plowed and harrowed until very fine. Sow in drills 12 to 15 inches apart and when well up, thin out from 4 to 6 inches in rows.

Early Eclipse, New. The Eclipse is remarkable, not only for its wonderful rapid growth, but turnip form, very symmetrical in shape, free from also for the smallness of top and extra fine quality. any fibrous roots. Flesh deep blood-red, very tender It is early as the Egyptain, and of better quality. and sweet; grows uniformly to a good size. Excel-
The roots grow perfectly smooth, of round shape, lent for table use. Early, and when sown late, de-
intense blood-red skin and flesh fine grained and sirable for winter. Pkt. 5c. oz. 10c. lb. 75c.

Early Egyptain Turnip. A standard sort, being from 10 to 12 days earlier than the Blood In quality, sweet and tender. Shape long smooth Turnip. The roots are large in size and of rich, and about $\frac{1}{2}$ above the ground; color, a rich car-
deep crimson color. From the smallness of the mine red; resists drought better than any other.
tops the Egyptian at least one-fourth more can be Pkt. 5c. oz. 10c. lb. 75c.
grown on the same space of ground than any other variety. Pkt. 5c. oz. 10c. lb. 80c.

Early Bassano. Roots flat, turnip-shaped flesh white; leaves green; considerably grown in this
pale red, circled with bright rose color. A few country for cattle feeding, also extensively cultiva-
days later than the Egyptian; grows to a good size ted for sugar manufactures. Pkt. 5c. oz. 10c. lb. 60c.
on light soil, very tender and juicy. Pkt. 5c. oz.
10c. lb. 75c.

Early Blood Turnip. It is the most popular, but ten days later than the above variety, flesh
deep blood-red, very sweet and delicate in flavor, and as a market variety, it is superior to all others
it is adapted for either Summer or Winter use
Pkt. 5c. oz. 10c. lb. 75c.

Dewings Improved Blood Turnip. Fine
size, part above ground; roots medium length,
white; leaves green; considerably grown in this
country for cattle feeding, also extensively cultiva-
ted for sugar manufactures. Pkt. 5c. oz. 10c. lb. 60c.

Long Blood Red. The best strain of long,
dark red beet in the market and especially desira-
ble for fall or winter use. Excellent as a feed for
cattle, as 12 tons have been grown to the acre.
In quality, sweet and tender. Shape long smooth
Turnip. The roots are large in size and of rich, and about $\frac{1}{2}$ above the ground; color, a rich car-
mine red; resists drought better than any other.
Pkt. 5c. oz. 10c. lb. 75c.

French White Sugar. This grows to a large
size, part above ground; roots medium length,
white; leaves green; considerably grown in this
country for cattle feeding, also extensively cultiva-
ted for sugar manufactures. Pkt. 5c. oz. 10c. lb. 60c.

Mammoth Long Red Mangel. This is the
most celebrated English variety, producing roots
of prodigious size, immensely productive, keeps
solid as a rock until late in the spring. Pkt. 5c.

Golden Tankard, Mangel Wurzel. Tops
comparatively small, roots large; flesh yellow zoned
with white. It is worthy of growing for stock
on every farm. Pkt. 5c. oz. 10c. lb. 60c.

Vegetable Seeds

Borecole, or Kale.

9

This variety of the Cabbage tribe is known as early greens, or Kale. Sow the seed in the spring, and transplant June; the leaves are fit for use soon as they get a touch of frost. To preserve them during early winter, treat same as Cabbage; the seed can also be sown in Sept. transplant like Cabbage, and they will continue growing all winter.

Dwarf German Greens or Sprouts. (*Curled Scotch Kale.*) This is more hardy than Cabbag, makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor, and will remain any place where the temperature does not fall below Zero. It is most tender after being bitten by a sharp frost. Pkt. 5c. oz. 15c.



EARLY JERSEY WAKEFIELD. should be sown in drills $4\frac{1}{2}$ to 6 in. apart. When plants are 6 in. high transplant into richly manured ground the early kinds 2 feet apart; the later kinds for winter use, 3 feet apart. The ground should be deeply loosened and worked thoroughly to grow large heads.

Henderson's Early Succession. It is now four years since this variety was first offered, and since that time it has been thoroughly and critically tested in all sections of the country, and pronounced by all to be the finest second early Cabbage yet introduced. The succession we regard as one of the most valuable variety that has been introduced in late years. The **Succession** is about one week later than the Early Summer, but is double the size, and Mr. P. Henderson & Co. New York; says it is so finely bred that in a field of ten acres every head was a perfect specimen fit for exhibition. Its earliness uniform size, solidity and sure heading qualities make it the best Cabbage. Pkt. 5c. oz 30c

There is no vegetable which is more universally cultivated than the Cabbage. It is found in the poorest and smallest garden and it responds so readily to better care, that it claims a place in the finest garden, and the attention of the most skillful gardeners. Sow the early sorts in Autumn and protect by a cold-frame during the winter, transplant early in spring, or in hot-bed during Feb. or March, and transplant middle of April; or sow in the open ground, as early in the Spring as the ground can be worked. Sow for late crop in April and May. They

CABBAGE.



HENDERSON'S SUCCESSION.

Selected Early Jersey Wakefield. Unquestionably the best early Cabbage in cultivation. It possesses the merit of large sized heads, small outside foliage, and uniformity in producing a crop. About 12,000 can be planted on one acre. Pkt. 5c. oz. 25c. lb. \$3.00

True Early Winningstadt. This has become one of the most popular varieties; there is no other early sort which heads with greater certainty, or more solid; the heads are of good size, cone form, broad at the base, and twisted at the top; to those who have never tried this variety, we say by all means, plant it; it is invaluable for either market or family use. Valuable not only for early use, but also for winter. Pkt. 5c. oz. 15c.

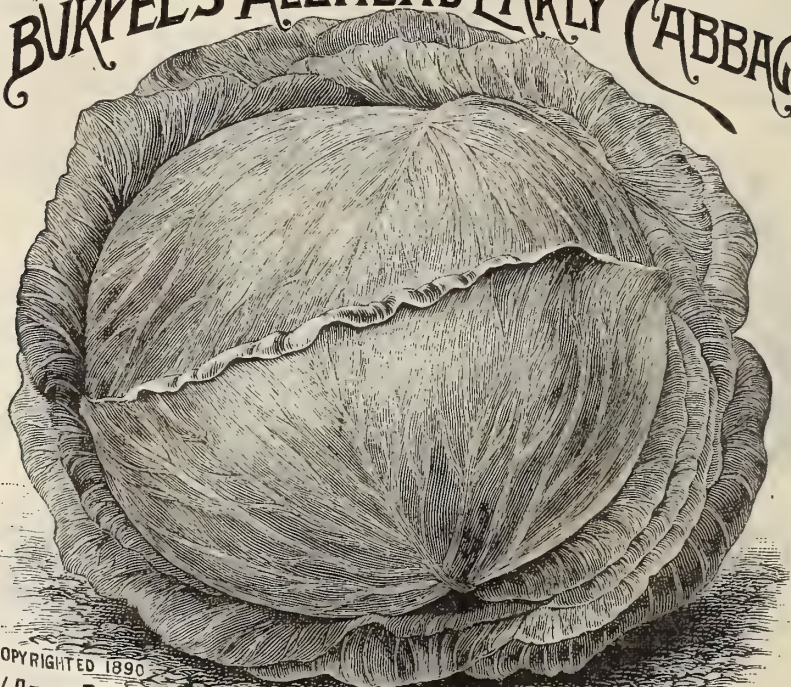
Early Drumhead. The best early Flat Dutch for market; either as a second early or late; short stem, large heads. Pkt. 5c. oz. 20c. lb. \$1.75.



TRUE EARLY WINNINGSTADT.

J. M. Philips' Sons.

BURPEE'S ALL-HEAD EARLY CABBAGE



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Accurately Engraved from Photograph.

BURPEE'S ALL-HEAD EARLY CABBAGE.

CLAIM FOR THIS DISTINCT NEW CABBAGE.

It is at least a week earlier than any of the various strains of Early Summer Cabbage; it will make heads in an ordinary season in thirty five days from setting of the plants, and these heads are solid and fit for the most critical market. The large heads are remarkably free from superfluous leaves. The heads are deep and slightly rounded on top and remarkably solid. The veins and mid-ribs of the leaves are finer than those of any other Cabbage. The main feature of a good Cabbage is tenderness, in this respect "ALL-HEAD" surpasses all others. While it is all that can be desired for an early Summer Cabbage it is equally valuable for a late or winter use, the heads being deep through. Eight thousand plants can be set on an acre, 95 per cent, of which, in an ordinary season, with reasonably free cultivation, will make good merchantable heads. Pkt. 10c. oz. 40c. lb. \$5.75.

Extra Early Etampes. It is about ten days earlier than any other Cabbage; the heads are oblong rounded at top, very solid and firm, while it seldom fails to head; the heads are of medium size and of fine quality. Pkt. 5c. oz. 20c. lb. \$2.00.

Early York. A very valuable early variety, heads small, rather heart-shaped, firm and tender; of very dwarf growth, and may be transplanted 15 to 18 inches apart. Pkt. 5c. oz. 15c. lb. \$1.50.

Early Flat Dutch. Heads medium size, solid, and is equally as desirable, it is of larger size, flat on the top; grows low on the stump, and is of good flavor. Pkt. 5c. oz. 20c. lb. \$2.00.

Early Large York. Succeeds to Early York about ten days later, more robust, and bears the heat better. Pkt. 5c. oz. 15c. lb. \$1.50.

Early French Oxheart. Grows low on the stump and heads very close and firm; color, yellowish green. Pkt. 5c. oz. 20c. lb. \$1.50.

Henderson's Early Summer. Heads a few days later than the Jersey Wakefield, but the heads average more than double the size. It forms large, solid, round, flattened, compact heads, of excellent quality. The leaves turn into the heads so completely that twelve thousand can be set to the acre. Pkt. 5c. oz. 20c.

Fottler's Improved Brunswick. This is the second early large Drumhead Cabbage. It heads shortly after the Early Flat Dutch, and is most excellent for summer and fall use. Producing large, solid heads, with a very short stem, frequently weighing twenty pounds. If the plants are set out late it makes one of the very best winter Cabbage. Pkt. 5c. oz. 20c. lb. \$1.75.



FOTTLER'S IMPROVED BRUNSWICK.



PHILIPS' SELECT SHORT STEMED LATE FLAT DUTCH CABBAGE.

Philips' Select Short Stemed Late Flat Dutch CABBAGE.

In this new strain of late Cabbage, we believe that we have combined every good quality essential to perfection. The SHORT STEMED LATE FLAT DUTCH CABBAGE has long been the want of every gardener, which have procured; it is the result of careful selection of heads with extremely short stumped to obtain this strain, and can be recommended. A low growing variety; heads large, bluish green, round, very solid, flat on top, of fine flavor and very tender. Ninety five in one hundred will make large heads. Pkt. 10c. oz. 40c. lb \$4.

Premium Large Late Flat Dutch.

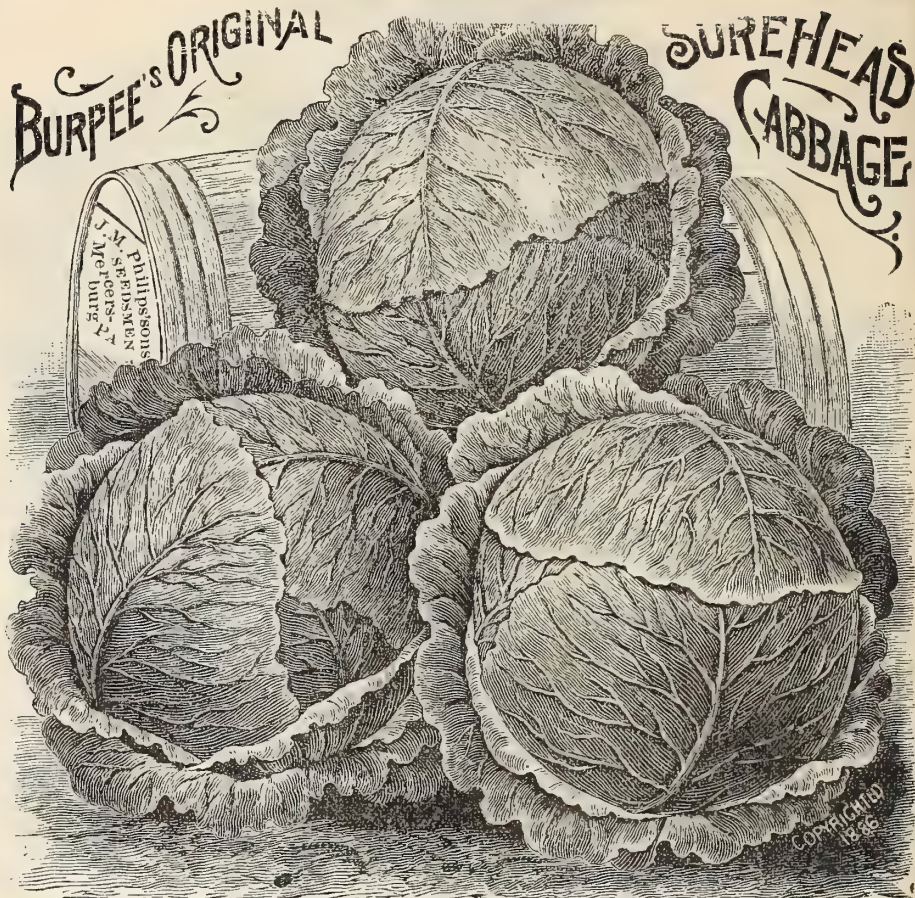
One of the oldest varieties in existence, and more extensively grown for late or main winter crop than any other sort. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems and sure to head. With good cultivation ninety five per cent will make heads for market. Pkt. 5c. oz. 20c. lb. \$1.50.



MARBLEHEAD MAMMOTH DRUMHEAD.

Marblehead Mammoth Drumhead.

This is the largest variety of the Cabbage family in the world. Single specimens have been grown to weigh sixty pounds. Heads flat on top, quality very tender, sweet and excellent. Pkt. 5c. oz. 20c. lb. \$1.75.



❖ BURPEE'S SUREHEAD CABBAGE. ❖

Produce large, round, flattened heads, of the Flat Dutch Type, and is remarkable for its certainty of head. It is ALL HEAD, and ALWAYS SURE TO HEAD, even where other varieties fail. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weigh from ten to fifteen pounds each. It is very sweet flavored, has scarcely any loose leaves, keeps well, is good for shipping and is just the variety and quality to suit market gardeners, farmers and all lovers of good Cabbage. Pkt. 5c. oz. 25c. lb. \$2.00.

Large Late Drumhead. This is a large fall and winter variety, with flat heads; very compact and of lightish green, quality good. Pkt. 5c. oz. 15c. lb. \$1.50.

Red Dutch. This sort is principally used for pickling, and is sometimes sliced in salads; it is an excellent dish when boiled; the heads is of medium size, very solid, of heart-shaped, and of red, purplish color. The darker the color and the more thick and fleshy the leaves, the more valuable. Pkt. 5c. oz. 25c. lb. \$2.00.

Stone Mason. An improved variety of the Drumhead; heads flat and solid, stems short and small, quality sweet and rich; a profitable market sort. Pkt. 5c. oz. 20c. lb. \$1.70.

Filderkraut. A German variety, which has proven in this country to be one of the most valuable sorts. It is equally good for early or late uses, and heads up hard, rather pointed, with few side leaves. This variety is principally used in Germany, in the manufacture of "Kraut". Pkt. 5c. oz. 20c. lb. \$1.70.



LARGE DRUMHEAD SAVOY.

Savoy CABBAGES. Early Dwarf Ulm.

One of the earliest and sweetest of all Savoys. Heads, round, solid; leaves small, thick, fleshy, of fine flavor, deep green color and of most excellent quality. Pkt. 5c. oz. 20c. lb. \$1,70.



IMPROVED AMERICAN SAVOY.

Large Drumhead. Very tender and excellent for Winter. The Savoys approach nearer the delicious richness of the Cauliflower than any other best of all the Savoys for general market or home Cabbage; heads large and finely curled; short stalks use. Is has a short stump, grows to a large size, is and compact grower, an excellent keeper. Pkt. 5c oz. 20c. lb. \$1,70.

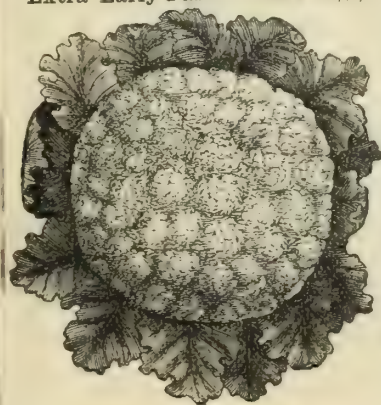
Improved American. Closely resembling the Cauliflower in delicacy and delicious flavor. The compact, solid, and is a sure header. Pkt. 5c oz. 20c. lb. \$1,70.

CAULIFLOWER.

For the spring and summer crops, sow the early sorts the last of winter in hot-bed, and transplant into the open air soon as the ground can be worked. For the late, autumn crop, sow the late kinds about the middle of spring, and transplant like winter Cabbage. In dry weather, water freely, and as they advance in growth, hoe deep, and draw earth to the plants. After they begin to head, they should be watered every other day, and the leaves gathered and pinned over the heads to protect them from the sun and to keep them white.

Early Snowball. Highly esteemed by market gardeners for its earliness and reliability as a sure header. Tested with all other varieties, it has proven to be as early, if not earlier than any other sort. Its hardiness, sure heading and compact growth, make it one of the best for forcing or wintering over. Of dwarf habit, with very short outer leaves, allowing it to be planted close together. Pkt. 10c. ½ oz. \$1,50 oz. \$2,75.

Extra Early Paris. Heads large, white, compact and solid; of excellent flavor, tender and delicious. Leaves large, stalks short. Being so early it must always be a favorite, especially with market gardeners. Pkt. 5c. oz. 75c.



EARLY DWARF ERFURT.



EARLY PARIS.

Early Dwarf Erfurt. An extra early sort, much prized in Germany for early market use. Scarcely a plant fails to produce a good head. It is of a dwarf habit, compact growth short outside leaves, and can be planted 20 inches apart each way. The best for market and family use; it can be relied upon. Pkt. 5c. oz. \$1,25.

LeNormand's Short Stemmed. A large late variety, with well formed heads of superior quality. Plants hardy, semidwarf, producing many leaves which protect the close, solid curd, keeping it well protected from the hot sun by the leaves, hardy and stands dry weather. Considered by the French, one of the best sorts. Pkt. 5c. oz. 75c.

CARROT.

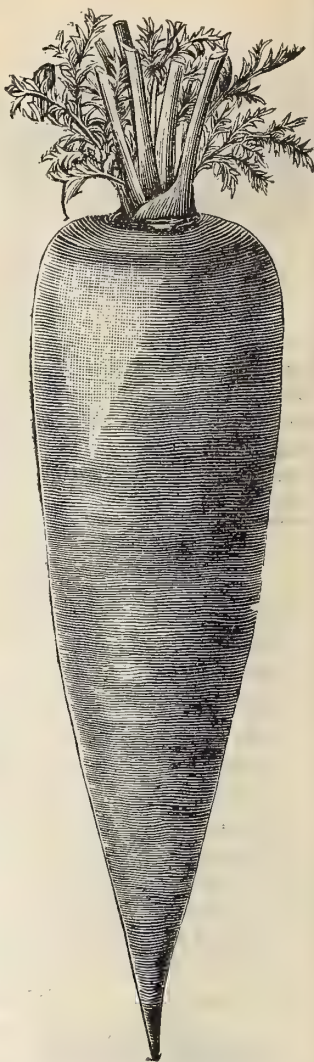
Sow as early as the ground can be worked for early crop; for main crop sow from the middle of May till the last of June. Rows 10 inches apart; 7 to 8 inches in the row. Soil, light, sandy loam, richly manured and deeply dug.

Improved Danvers. The color of this valuable sort is a rich shade of orange. In shape it is midway between the Early Scarlet Horn and Long Orange. This variety originated in Danvers, Mass., where the raising of Carrots is made a special business, twenty to thirty tons per acre being no unusual crop. Pkt. 5c. oz. 10c. lb. 90c.

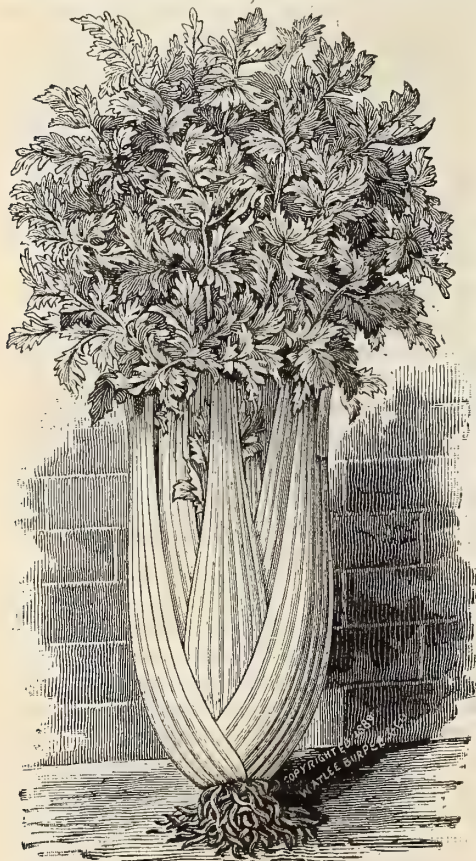
Early Half-long Scarlet. This has always been the general favorite for an early crop; it is a bright orange color, of delicate flavor and will grow in less depth of soil than any other variety, owing to the shortness of the roots; the seed which we grow has

a great reputation amongst market gardeners for its fine flavor. Pkt. 5c.

Improved Long Orange a well known standard sort. Roots long and thick near the crown tapering regularly to a point; color deep orange; suitable for the table and main field crop. It requires a deep soil, the plants should stand eight inches apart, in eighteen inch drills for the roots to attain their full size. Pkt. 5c.



IMPROVED DANVERS CARROT.



NEW GIANT PASCAL. (See description page 16).

CELERY.

Plant seed in hot-bed or very early in open ground. Set the plants 6 to 12 inches apart in rows, the rows 4 to 6 ft. apart, trenches 1 foot deep and well manured. To blanch, draw earth around the plants from time to time, taking care

not to cover the tops of the center shoots



NEW DWARF GOLDEN HEART.

Dwarf Golden Heart. A very popular and distinct variety. Its habit of growth it resembles the Half Dwarf White sorts, except that when blanched the hearts, which is large and full, is of a waxy, golden yellow. It is a most striking and showy variety, for either market or private use. It is entirely solid, tender, crisp, of most excellent flavor and keeps well during winter. Pkt. 5c. oz. 20c. lb. \$1.60.

Henderson's White Plume. This new Celery is valued because, naturally, the stalks and a portion of its inner leaves and heart are white. By simply tying up the stalks and drawing up little ground with hoe, the work of blanching is complete. It is ornamental, tender, crisp and of good flavor. Pkt. 5c. oz. 25c. lb. \$3.00.



DWARF LARGE RIBBED.

Dwarf Large Ribbed. This excellent variety is very stocky robust, the whole strength of the vegetation being concentrated into the main plant. The stalks are most vigorous and the ribs grow large and solid, it is perfectly solid, white, nearly self-blanching of a fine, sweet flavor and of extra good keeping quality. Pkt. 5c. oz. 20c. lb. \$1.60.

Henderson's New Rose. Very solid and an excellent keeper. The red varieties of Celery are generally better flavored than the white. Pkt. 5c. oz. 30c. lb. \$3.50.

Giant Pascal Celery.

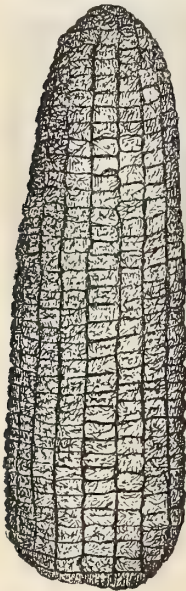
This variety is a selection from the New Golden Self-blanching Celery which has become so popular in the last few years; it partakes of the best qualities of that variety, but it is much larger and a better keeper. It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp and entirely stringless. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. Likely to prove a most valuable variety for both second early and midwinter use. Pkt. 10c. oz. 35c. lb. \$4.50

Golden Self-Blanching. A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high banking up as the ordinary sorts to be fit for the table. It needs simply a slight earthing up. It is of a beautiful waxy golden color, very solid and of rich nutty flavor. Pkt. 5c. oz. 30c.

Large White Solid. The best strain of Large White Solid Celery, most imposing variety. It attains a very large size, it is of quick growth, stiff, close habit, remarkably solid, blanched perfectly white, of fine flavor, crisp and very tender. It is a very showy and handsome variety for market. Pkt. 5c. oz. 20c.

Boston Market. Favorable for its tenderness, crisp and succulent stems are of a peculiar fine flavor; it is grown almost exclusively by Boston market gardeners. Pkt. 5c. oz. 20c.

Celery Seed for flavoring,
oz. 5c. lb. 40c.



CORN.

Golden Self-Blanching.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, not be planted before May, or until the ground has become warm and for succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills three feet apart each way, covering about half an inch and thin out to three stalks in a hill.
Add 15 cts. per quart extra, if to be sent by mail.

Early Cory. In our trials we find this to be five days earlier than the Marblehead, which hitherto has always taken the lead. Those desiring a first early variety can make no mistake in planting the Cory. Pt. 15c. qt. 25c. pk. \$1.25

Early Marblehead. One of the earliest varieties in cultivation. The stalk is of dwarf growth, ears set low. pt. 15c. qt. 30c.

Early Minnesota. Very early. A decidedly excellent variety; ears fair size and uniform. Pt. 15c. qt. 25c. peck \$1.25.

Stowell's Evergreen. This variety is more largely planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender, sugary and remains for a long time in an edible condition. Pt 15c. qt. 25c. peck \$1.00.

Mammoth Sweet. The largest variety and late, twelve to sixteen-rowed; cob white, large and well filled; very productive
Stowell's Evergreen. and fine flavor. Pt. 15c. qt. 25c. peck \$1.00.

Cress or Peppergrass.

Sow early in spring, very thickly, in shallow drills. The sowing should be repeated at intervals, as it soon runs to seed

Curled. This small salad was formerly much used with lettuce, to which its warm pungent taste makes a most agreeable addition. Pkt. 5c. oz. 15c.

CUCUMBER.

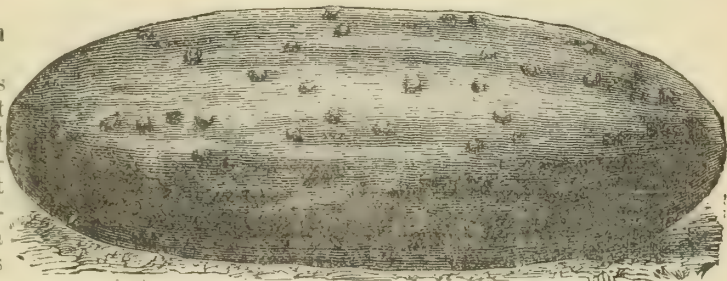


Plant when all danger of frost is over, in well prepared hills four feet apart each way. when all danger from insects is past, thin out to three or four plants in a hill. A shovelfull of manure mixed in a hill before planting will greatly increase the crop. The fruit should be picked frequently to keep the vines productive.

Nichol's Medium Green.

We consider this variety the most valuable sort that has been introduced since the advent of the Green Prolific variety. As a pickle sort Nichols Medium Green

will be found unequalled and for early forcing purposes or for slicing, there is no better variety. It is exceedingly productive, of medium size and always straight and smooth. The color is dark green, flesh tender and crisp. Pkt 5c. oz. 15c. lb 90c.



NICHOL'S MEDIUM GREEN CUCUMBER.



Early Green Cluster.

A much esteemed early variety, growing in clusters, and extremely productive.

Its color is bluish green, shading lighter at the extremities. Pkt. 5c. oz. 10c. lb. 90c.

Early Short Green or Early Frame.

Plants very vigorous and productive. Fruit straight, hand

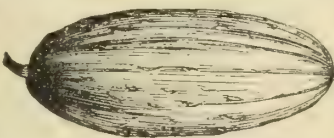


some, smaller at each end, bright green, lighter at the blossom end, with crisp, tender flesh, and when young, makes excellent pickles. Pkt. 5c. oz. 10c. lb. 90c.

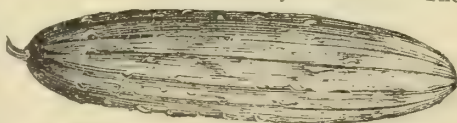
Early Russian. The earliest in cultivation. It sets in pairs and the first blossoms usually produce fruit; flavor pleasant and agreeable. Pkt 5c. oz. 10c. lb. 85c.

Boston Pickling or Green Prolific.

A new variety; selected with great care by one of the largest growers of pickling Cucumbers in the country; with good culture 200,000 can be grown on one acre. Pkt. 5c. oz. 10c. lb. 90c.



Improved Long Green. Produced by selection from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit about twelve inches long, firm and crisp, with very few seeds. The



young fruit makes one of the best of pickles and when grown to maturity is the best of any for sweet pickles. Pkt. 5c. oz. 10c. lb. 90c.

Cucumber**Improved Early White Spine.**

The best sort for the table; the fruit, in turning white at maturity, retains its fresh appearance much longer than any of the yellow varieties; on this account it is a favorite with men; good for forcing and a great bearer. Pk. 5c. oz. 10c. lb. 90c.



IMPROVED WHITE SPINE CUCUMBER.

Gherkin or Burr. A very small, ovel shaped, prickly variety. It is grown exclusively for pickling; is the smallest of all the varieties and should be pickled when very young and tender. The seed is slow to germinate. Pkt. 5c. oz. 15c.

**EGG PLANT.**

The Egg Plant will thrive well in any good garden soil but will repay good treatment. The seeds should be sown in hot-bed or warm green-house in March or April, and when about an inch high pot in two-inch pots. Plant out about June 1st, two and a half feet apart. If no hot-bed is at hand they can be grown in any light room where the temperature will average 75 degrees.

Early Long Purple. This is one of the earliest and most productive varieties; fruit long, dark rich purple and of fine quality. Pkt. 5c. oz. 25c.

New York Purple. The best variety in cultivation, being early, a sure cropper and of fine quality. Plants large, vigorous with light green leaves; fruit large oval, deep purple, with occasional dash of green about the stem; flesh white, tender and of superior quality. Pkt. 5c. oz. 40c.



MOSS CURLED.

heavier than the Green Curled, but is equally agreeable as a salad or appearance either green or blanched. Pkt. 5c. oz. 20c

Broad Leaved Batavian. Has thick, broad, plain or slightly wrinkled leaves. Pkt. 5c. oz. 20c.

Endive.

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August for a succession of crops; tie the leaves loosely together to blanch them.

Moss Curled. From the density of its foliage, this variety is



KOHL RABI.

KOHL RABI.

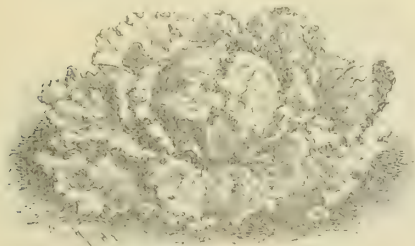
A vegetable intermediate between the Cabbage and Turnip. Cultivate same as Turnips in rows 16 inches apart and 8 inches apart in the row.

Early Purple Vienna. This variety is the most largely grown for table use in Germany and Austria. The color is a bright purple, with the leaf stems tinged with purple. Pkt. 5c. oz. 20c. lb. \$1.75.

LETTUCE.

Lettuce requires a very rich soil and appliance the skillful cultivator can give, in order to obtain that crispness, juiciness and delicate flavor. In sowing of seed during the dry hot weather, the ground should be kept moist and shaded as the sun will burn the germinating power out of seed.

Tennis Ball Black Seeded. Well formed heads, hardy and crisp; of excellent quality. one of the earliest heading varieties. Pkt. 5c. oz. 15c. lb. \$1.25.



TENNIS BALL BLACK SEEDED.

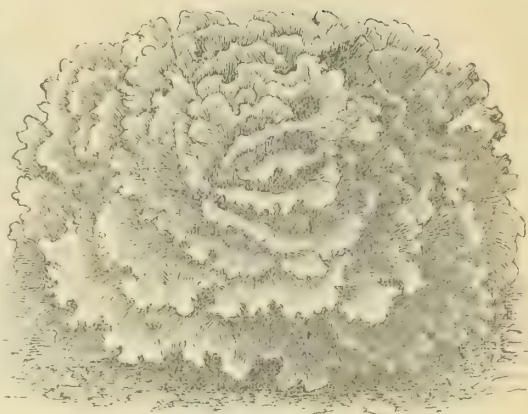
Simpson's Early Curled, (Black Seeded.)

A new and desirable variety of the Curled Simpson. Does not produce a solid head, but a compact mass of leaves, which are of a much lighter color than the ordinary Simpson, and forms heads double the size. It is not only a good forcing variety, but a desirable sort for early summer, as it stands the heat remarkably well. Pkt. 5c. oz. 15c. lb. \$1.25.



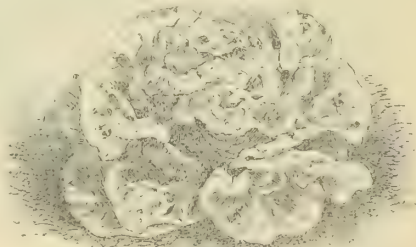
NEW PERPETUAL.

New Perpetual. For family use this is one of the best lettuce, forming large, compact bushes, the leaves curling outward from the top, extra quality, crisp, rich and tender. Pkt. 5c. oz. 15c.



EARLY PRIZE-HEAD.

Early Prize Head. Forms a mammoth plant in which even the outer leaves are crisp and tender, and remains so throughout the season. It is slow to run up to seed, of superb flavor and very hardy; one of the best sorts for family use. Pkt. 5c. oz. 15c. lb. \$1.25.

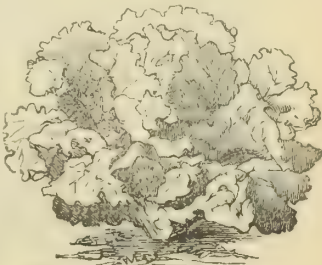


EARLY WHITE SUMMER CABBAGE.

White Summer Cabbage. Produces fine, greenish-white, large heads, of extra quality, remarkably tender and crisp, sure to head, of quick growth. It is one of the best for forcing, and also for summer use, as it is slow to shoot up to seed and resists the heat well. Pkt. 5c. oz. 15c. lb. \$1.40

Early Curled Silisia.

An early variety of very strong growth leaves large light yellow, wrinkled. It makes a large, loose head of leaves, of tender and good quality. Pkt. 5c. oz. 15c. lb. \$1.30.



EARLY CURLED SILISIA.



SIMPSON'S EARLY CURLED.

This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest and leading market sort. Pkt. 5c. oz. 15c.



BOSTON CURLED.

A variety of great beauty and of superior quality. The symmetry of its growth and fine, elegant frilling of the leaves, render it highly ornamental. Pkt. 5c. oz. 15c. lb. \$1 30.

Improved Large Hanson.

Heads very large, solid, sometimes weighing two to three lbs. tender, crisp and of fine flavor; color beautiful green outside and white within. Stands the summer heat well; and of the best in cultivation. Pkt. 5c. oz. 20c, lb. \$1.50.

Large Drumhead.

The largest of the heading lettuces. Plants very large forming an immense, loose head, bright green without and light green or white within. Leaves very large, strongly veined, coarse; but the inner ones are very crisp and tender. Pkt. 5c. oz. 15c, lb. \$1 30.



IMPROVED LARGE HANSON.

LEEK.

Sow early in rich ground, in drills six inches apart. When about seven inches high transplant them in rows eight in. apart each way, and as deep as possible without covering the center leaves.

Large American Flag. A large and excellent sort. The favorite market variety. Pkt. 5c. oz. 20c. lb. \$1.40.



LEEK.

Green Nutmeg. It is regarded as the *ne plus ultra* of its species. It is of large size, thickly netted and deeply ribbed; flesh deep green, rich, sweet, melting and of delicious flavor. Pkt. 5c. oz. 10c. lb. \$1.00.

MELON, Musk.

Melons thrive best in a moderately enriched light soil; the hills should be from 3 to 6 feet apart each way according to the richness of the soil. Sandy soil is most suitable for Melons.



GREEN NUTMEG.



Casaba. One of the largest and best Musk Melon in cultivation. Its usual weight, when well grown, is from twelve to fifteen pounds. Flesh, green, very sweet, melting and delicious. Pkt. 5c, oz. 10c, lb. \$1 00.



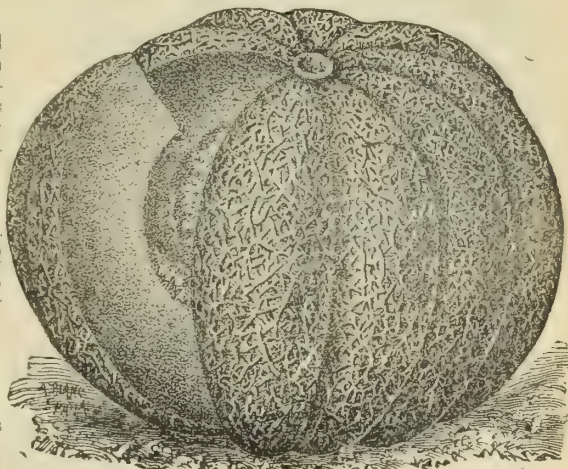
Montreal Market. Nearly round, flattened at the ends; deep, regular ribs; skin densely netted; flesh thick, and of delicious flavor. Pkt. 5c, oz. 10c, lb. \$1 00.

EMERALD GEM.

A distinct and deliciously flavored melon; very early and prolific. Skin ribbed, yet smooth, and of a deep emerald green. The flesh, which is thick, is of a suffused salmon color, exceedingly sweet and delicious, and very thick meat. Pkt. 5c, oz. 10c, lb. \$1 00.

HACKENSACK.

It attains a large size, round in shape and flattened at the ends; skin green and thickly netted; the flesh also is green, rich and sugary in flavor. It is wonderfully productive; very popular with market gardeners. Pkt. 5c, oz. 10c, lb. \$1 00.



EXTRA EARLY HACKENSACK.

JENNY LIND.

The earliest of the green-fleshed kinds and one of the sweetest. Small size, slightly ribbed; skin thickly netted and thin. Pkt. 5c, oz. 10c, lb. \$1 00.



MAMMOTH IRONCLAD.

Ironclad. A variety of undoubted excellence, of large size and weight, crops of it average nearly fifty pounds each. The flesh is deep red and of a delicious rich flavor, holding its fine qualities very close to the skin. For shipping and keeping qualities, the Ironclad is unsurpassed. The vines are strong growing, and it is a most valuable acquisition. Pkt. 5c, oz. 10c, lb. 90c.

MELON, WATER.

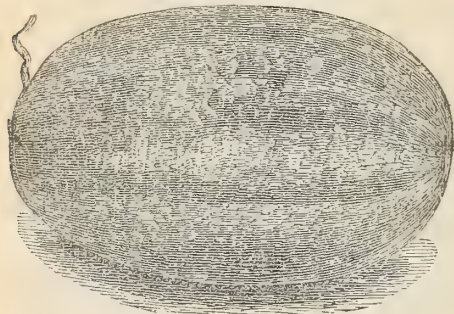
They require a light, sandy soil, not over rich. Plant them in hills as directed for Musk Melon, giving them more room, as their vines extend much farther. If they are wanted of larger size, three melons to each plant will be sufficient. If they are planted near other vines they will hybridize and greatly injure the flavor of the fruit.



CUBAN QUEEN.

Kolb' Gem. This new variety, first introduced in 1884, originated in Alabama. It is a hybrid of the Scaly Bark and Rattlesnake, and is an excellent shipping sort. It has a tough rind, and carries in good condition without breakage. The stripes are of a light green, generally narrow and of a dull color. The flesh is bright red and of good flavor. The melons grow to a fair market size, from thirty to fifty pounds each in weight. Pkt, 5 oz. 10c, lb. 90c.

Cuban Queen. One of the largest melons known, specimens have been grown that weigh 82 pounds. Vines vigorous; skin striped light and dark green. Flesh bright red, solid, very crisp and sugary. Pkt; 5c, oz; 10c, lb; 90c.



EARLY PHINNEY.



KOLB'S GEM.

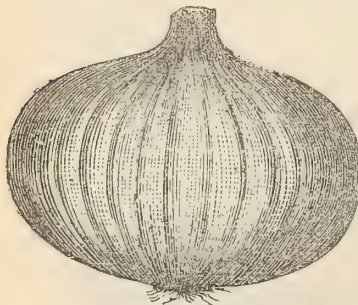
Ferry's Peerless. This is unquestionably the best water melon in cultivation. Of medium size, thin rind, light mottled green; flesh bright scarlet solid to the center, crisp, melting and sweet. Pkt; 5c, oz; 10c, lb; 90c.

Mountain Sweet. A large long, oval variety, skin striped and marbled with different shades of green; flesh scarlet, quite solid to the center; very sweet and delicious. Pkt; 5c, oz; 10c, lb. 90c.

Early Phinney. A very early variety; medium and uniform size. Flesh light red and very sweet. Pkt; 5c, oz; 10c, lb; 90c.

ONION.

Sets furnish large onions early, as well as the first green onions for table use. Plant the sets as early in Spring as possible, in shallow drills, one foot apart, and four inches between sets. They can be used in a green state in June, and are ripened off by July. To grow sets, sow the seed early in Spring very thickly in bed or drills. When the tops die down, gather the little bulbs and store away in a dry and airy place.

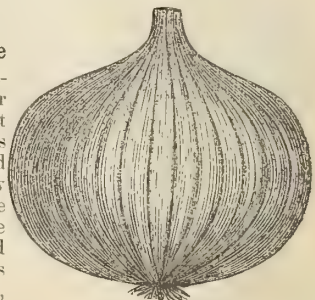


Large
Red
Weath-
ersfield.

This is the standard variety and the favorite Onion in the east, where immense crop are grown

Yellow
Danvers Globe

An early variety, a good keeper and an excellent market sort. It is of good size, and has a thin yellow skin, flesh pure white and more mild flavored than the red sorts Pkt; 5c, oz; 20c, lb; \$2.00.



YELLOW DANVERS.

for shipment. Large size, skin, deep purplish-red; form round, flesh, purplish-white; very productive the best keeper, and one of the most popular for general cultivation. Pkt; 5c, oz; 20c, lb; \$2.75.

Extra Early Red. A medium, flat variety, an abundant producer, uniform in shape and size, and comes into use two weeks earlier than the Weathersfield. Pkt; 5c, oz; 20c, lb; \$2.00.

MAMMOTH SILVER KING ONION.

This is the largest of the white Italian Onions, and attains an enormous size in one season from seed. This sort is deserving of extensive cultivation, and will be found especially serviceable in family gardens, as it is of mild flavor, attractive in appearance and a good keeper. Pkt; 5c, oz; 20c, lb; \$2 75.

Large White Italian Tripola.

An excellent large white variety, with mild, pleasant flavor and of a flattened shape. Pkt; 5c, oz 20c

Large Red Italian Tripoli.

A large, red flat Onion, of delicate flavor. Like the other Italian sorts, it is free from strong aroma and adds to its other good qualities that of keeping well during the winter. Pkt; 5c,



MAMMOTH SILVER KING ONION.

White Portugal or Silver-Skinned. One of the leading sorts of flat white Onions. A most excellent keeper and yielder. Largely grown for pickling. Pkt. 5c, oz. 25c, lb. \$3 00.

White Globe. Yields abundantly, producing handsome and uniformly globe shaped bulbs. The flesh is fine grained and of mild flavor. Sometimes it is called Southport White Globe. Pkt. 5c, oz. 20c

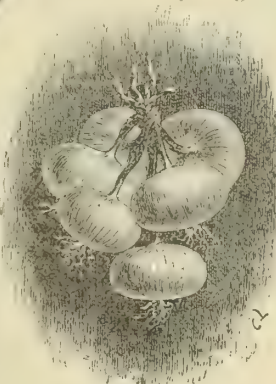
Yellow Dutch or Strawsburg. The leading market variety, a good keeper, and well flavored; of a bright straw-colored skin, somewhat flattened in shape. Pkt. 5c, oz. 20c. lb. \$1 60.

Giant Rocca. A very fine large variety, of globular shape, lightbrown skin and of very mild flavor; it will frequently attain under favorable circumstances, two pounds in weight. Pkt. 5c.



GIANT ROCCA.

New Queen. This is a fine silver-skinned sort, of beautiful form and rapid growth, possessing fine keeping qualities; seed sown early in Spring will produce Onions from 1½ to 2½ inches in diameter in early Summer, or if sown in early summer will be fit for use by Autumn. Pkt. 5c, oz. 25c, lb. \$2 25.

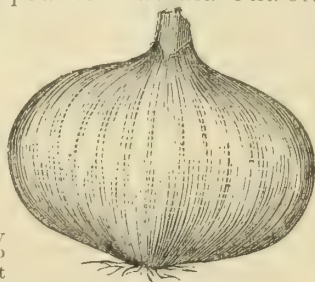


NEW QUEEN.

HOW TO GROW ONIONS. WITH NOTES ON VARIETIES.

A complete and exhaustive treatise; in every way a thoroughly reliable guide for all who purpose growing this most profitable crop. Kind and Preparation of the Soil—Manure; How, When and What Kind to Apply—Seed-Sowing the Seed—Cultivating—Harvesting—How to Market—Storing for Winter—American and Italian varieties.

Illustrated. Price 30 Cts. Or free as a premium for an order of three Dollars



WHITE PORTUGAL.



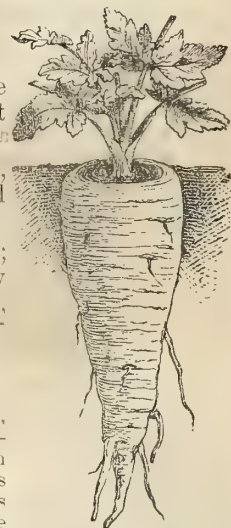
NEW FERN LEAVED.

Sow early as the ground opens in the spring, in drills one inch deep and fifteen inches apart. When well up thin out to five or six inches in the row.

Long White Dutch. Roots very long, white, smooth, tender, sugary and most excellently flavored. Very hardy and will keep through winter without protection. Pkt. 5c, oz. 10c,

Hollow Crown. Roots long; grows mostly below the surface; has a very smooth, clean skin and is easily grown. It may remain in the ground during winter. Pkt. 5c, oz. 10c, lb. 70c,

PARSNIP.



HOLLOW CROWN.

Pepper.

Sow in hot bed in March, or in open ground in the middle of Spring, in light, warm ground. When three inches high, transplant 18 inches apart each way and hoe frequently.

Sweet Mountain or Mammoth. Similar to the Bull Nose but larger and milder in flavor. Used to make stuffed pickles. Pkt. 5c, oz. 20c, lb. \$2 00.

Large Bell. Large sort, of inverted bell shape, suitable for filling with cabbage, etc., Flesh thick and one of the earliest. Pkt. 5c.

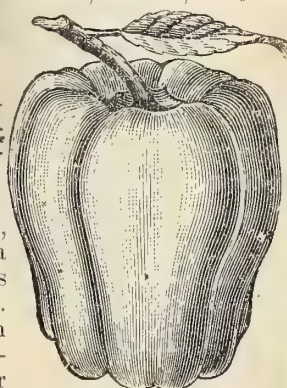
Cayenne. Fruit long bright red; flesh strong and pungent. Pkt. 5c.



IMPROVED RUBY KING PEPPER.

Ruby King. An exceedingly large, handsome Pepper; the fruit are of a bright ruby red, from 4½ to 6 inches long by 9 to 12 inches in circumference. The flavor is remarkably mild and can be sliced and eaten with salt and vinegar like tomatoes and cucumbers, or it can be used as a salad. Pkt. 5c, oz. 25c

Golden Dawn. In shape resembling the popular Bell or Bull Nose Pepper; it is of a most beautiful golden yellow color, making a very handsome appearance, both in growth and on the table. It is sweet; and productive; the dwarf bushy plants being laden with the bright colored fruit. Pkt. 5c, oz. 25c, lb. \$2 00.



GOLDEN DAWN.



Sweet Mountain.

PEAS.

In spite of the multitudes of varieties now in cultivation, there are each year many new sorts brought out, each of which is claimed to be superior. We take great pains to secure and offer the best varieties for sale. Peas mature earliest in a light, rich soil; for general crop, a rich deep loam, or inclining to clay, is best. Plant early as the weather will permit in well-prepared soil, and cover two inches deep. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. Rows from two to four feet apart according to size of variety; but where space in the garden is small the dwarf varieties may be planted close as one foot. The crop should be gathered as fast as it becomes fit for use. If even a few pods begin to ripen, young pods will not only cease to form, but those partly advanced will cease to enlarge. The wrinkled varieties are not as hardy as the small smooth sorts, however, the sweetest and best flavored varieties. *Add 15 cents per quart, if to be sent by mail.*



AMERICAN WONDER PEAS.

PEAS, Early Varieties.

Philips' First and Best. The earliest and most prolific variety. This sort has given the best results wherever grown and is a standard for earliness and quality. It is an even cropper and can be gathered clean in two pickings. This is an important item when the space is wanted for repeated cropping. For a late fall crop, it has few equals, and is the market gardener's favorite for all the seasons; height twenty inches, large pods, good flavor and bears profusely. Pkt; 10c, qt; 25c.

Early Tom Thumb. Very dwarf, not exceeding ten inches in height, stout and branches very early, of excellent quality, yields abundantly; it requires no sticks. Pkt; 10c, qt; 30c.

McLeans Little Gem. A green wrinkle variety which comes into use a few days later than the First and Best. It grows from twelve to sixteen inches high, is very prolific, and of excellent flavor. Pkt. 10c; qt; 30c.

Extra Early Phila. Extra early sort, of good quality and very prolific; height 2 feet. Pkt. 10c.

Carter's First Crop. An English variety; very early, productive, good flavor and grows 1½ feet high; the haulm being literally covered with pods. Pkt. 10c, qt. 25c.

American Wonder. The best advertised Pea of this generation, but a variety far better suited for private use than the market garden, as it is not productive enough to make it much grown as a market sort. It is one of the second earliest wrinkled peas; and its distinctiveness consists in its extreme dwarf growth, which rarely exceeds 10 inches in height. Its flavor is of the finest quality. Pkt. 10c, qt. 30c.

Blue Peter. This may be called a larger, better and an earlier form of Tom Thumb, having blue seed when ripe. It is remarkably dwarf, very early, a capital bearer and of excellent quality. Pkt. 10c, qt. 30c.

PEAS.



FIRST AND BEST.

Bliss' Abundance. Pods 3 to 3½ inches long; rounded and well filled, containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. Plants should stand 6 to 8 inches apart in rows. Pkt. 10c. qt. 30c.

Large Blue Imperial. About three feet high, and very strong; pods large, long, pointed, rather flat, containing eight or nine peas. Seeds large, blue and a little flattened. A good bearer and one of the best varieties for summer use, but requires to be planted early. Pkt. 10c. qt. 25c.

Champion of England. Universally admitted to be the richest and best flavored Peas grown, and very productive; height four ft. seed whitish green and little shriveled. Pkt. 10c. qt. 30c.

Dwarf White Marrowfat. A large, delicious marrow pea; an excellent cropper and a favorite with market gardeners; height two feet. Pkt. 10c. qt. 25c.

Dwarf White Sugar. Edible pods; can be use either shelled or the whole pods, when young, being sweet and tender; two feet in height. Pkt. 10c. qt. 35c.

Dwarf Gray Sugar. Of extraordinary yielding, qualities unsurpassed. Pkt. 10c.

Early Kent. Growing about 2½ feet high. Pods well filled with good sized peas; very productive. Pkt. 10c. qt. 25c.

Premium Gem. A very fine dwarf pea, of the Little Gem type, on which it is a great improvement. Pkt. 10c. qt. 30c.

Rural New Yorker. Early, productive and uniform in ripening. It grows about 20 inches high, and is quite similar to our Philadelphia Extra Early. Pkt. 10c. qt. 25c.

Laxon's Alpha. One of the earliest wrinkled Peas; blue of exquisite flavor, remarkable for its earliness and prolific bearing; it bears pods, well filled and of good size, down to the bottom of the haulm. Pkt. 10c. qt. 30c.

PEAS, Later Varieties.

Bliss' Ever-bearing. A new variety maturing soon after the Gems, and continuing a long time in bearing. Vine stout; about 18 inches high, bearing at the top six or ten broad pods. If these are removed as they mature, and the season and soil are favorable, the plant

will throw out from the axis of each leaf branches bearing pods which will mature in succession, thus prolonging the season. Peas wrinkled, large, cooking quickly, very tender and of a superior flavor; plant thin in rows. Pkt. 10c. qt. 30 cents.



Premium Gem.



Champion of England.

PUMPKIN.

May be planted middle of May to the first of June, in the field or garden, in hills 8 feet apart each way, three seeds to the hill.

Cashaw. Long, striped crook neck, similar to the crook-neck winter Squash; the best for table use or feeding stock; flesh yellow, solid, fine-grained and

sweet. Pkt. 5c. oz. 10c. lb. 75c.

Large Cheese. (*Sweet Pumpkin.*) One of the best for table use, productive, skin green and orange, flesh yellow and sweet. Pkt. 5c. oz. 10c. lb. 70c.

Sweet Potato. Of a large size, pear-shaped, green and white, flesh thick, cream white, remarkably fine grained dry, and of most excellent flavor. Hardy, very productive, and keeps well until late in winter. This variety we recommend as being superior to any other variety for cooking. Pkt. 5c. oz. 10c. lb. 80c.

Connecticut Field. A large yellow sort for stock. lb. 30c.



Sweet Potato Pumpkin.

RADISH.

Cultivate for its roots, which should always be eaten when quite young, as they are apt to be pithy and tough when full grown. *It should be borne in mind that radishes must have plenty of room and be grown quickly, or they will invariably be tough and wormy.* Sow as early in the Spring as the ground can be worked, and every two weeks till the middle of June. Winter varieties from the first of August to the first of September. A light, rich soil suits best.

Scarlet Olive Shaped.

Early Scarlet Turnip. A very popular variety among the French and round, red, turnip Germans; is of a half long shaped radish or olive-shaped, bright with a small top, scarlet color, and well adapted of very quick apted for either forcing growth. A very early sowing in the early variety, de-garden. Pkt; 5c, oz; 15c, serving general lb. 70c.

cultivation on account of its rich color, of crisp and tender qualities. Pkt. 5c. oz. 15c, lb. 70c.



Early Scarlet Turnip.

Early White Turnip. Like the Scarlet Turnip in shape, but in color pure white. Pkt. 5c. oz. 15c.

Chinese Rose. (Winter) This variety has become very popular with our market gardeners; it is of half-long-shape, pink color, and flesh solid as an apple; it has not that strong flavor which is peculiar to the Black Spanish and keeps equally as well; it should be sown during August. The white China only differs in its color. Pkt. 5c. oz. 15c, lb. 70c.



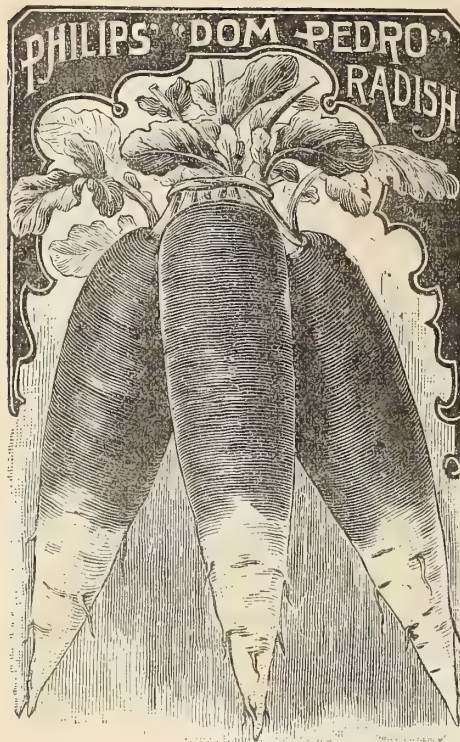
FRENCH BREAKFAST.



OLIVE SHAPED.

French Shaped.

Medium sized Radish, olive shaped, small top, of quick growth, very crisp and tender, of a beautiful scarlet color, except near the roots, which is a pure white. A splendid sort for the table. Pkt; 5c, oz 15c, lb; 70c.

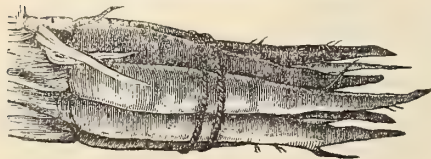


PHILIPS' DOM PEDRO. RADISH.

This Radish is entirely new and we exclusively contrall it this season and only have a limited stock for sale, which we now introduce to our costumers and the trade, as one of the best summer Radishes that has yet been introduced. It originated with us. One Radish was discovered among others, to be distinct from all other sorts; care was taken to have the seed grow to maturity. Several years growing proved it to be the most valuable all season Radish. The shape is similar to that of

SALSIFY. Oyster Plant.

Cultivate the same as Carrots.



White French. When cooked the flavor resembles oysters. Pkt. 5c. oz. 15c.

Mammoth Sandwich Island. This sort grows to a large size, resembles a good size parsnip and flavor mild. Pkt. 5c. oz. 20c.

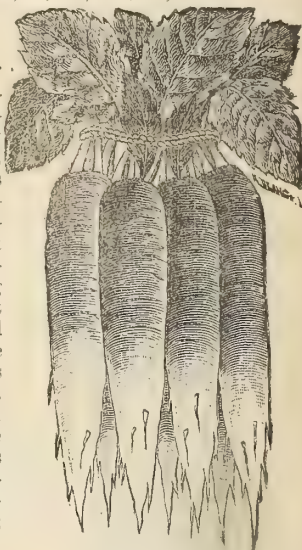
the Chartier, only a few days later, but perfectly distinct in color and quality. Color at the top is a dark purple shading downward to a pure white at the tip. They are of quick growth, solid, very tender, crisp and of mild flavor, also remains good a very long time for table use; not becoming hard and stringy as most Radishes do. Pkt; 10c, oz; 25c; lb; \$3.50.

Early long Scarlet. (Short Top) The most desirable for early forcing, or first sowing in the garden; it is of a bright scarlet color, and when grown on rich soil it is very tender and brittle; do not sow seed in warm weather, as it will shoot to seed and form no bulb. It can be sown late in the Fall for a late crop. Pkt. 5c, oz. 15c, lb. 70c.

Black Spanish. (Winter) Long; of very large size and firm texture, with dark green leaves. It must be stored away in sand in the cellar for Winter use. Pkt; 5c, oz; 15c, lb; 70c.

IMPROVED CHARTIER.

Decidedly distinct in appearance from any other Radish in cultivation. Its form is well defined by our engraving, the color at the top being crimson, running into pink about the middle, and from thence downward it is pure, waxy white. It will attain a very large size before it becomes unfit for the table. It is very tender. Pkt; 5c, oz; 15c, lb. 70c.



CHARTIER.

SPINACH.

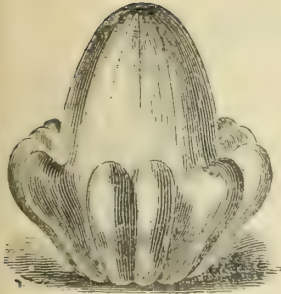
Sow half inch deep, in rich soil, and one foot between rows; thin out to eight inches. Sow soon as frost is out of ground and hoe frequently.

Round Leaved Summer. The main market

sort; leaves large, crimped, thick fleshy, savory leaved variety; Pkt. 5 cts. oz. 10 cts. lb. 60 cts.



SQUASH.



WHITE PINE APPLE.

Pine Apple. The skin and flesh are of a pure, creamy white color; flesh very fine grained, resembling a cocoa-nut when made into pies and custards, and is superior to any other Squash or pumpkin for this purpose. Pkt. 5c, oz. 10c.



BUSH OR PATTY PAN.

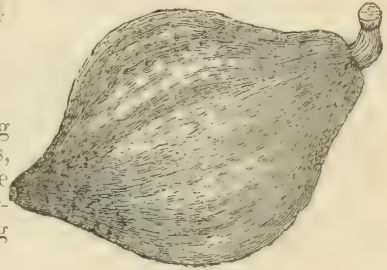
Mammoth Chili. Very large, often attaining the weight of two hundred pounds and upwards, excellent for pies or stock; very productive. We have grown them to weigh 141 pounds. Experienced cultivators have grown them weighing 300 pounds and upwards. Pkt. 5c, oz. 10c.



MAMMOTH CHILI.

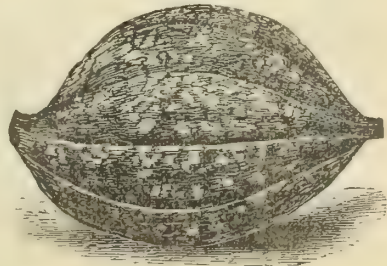
Marblehead. A variety of great value. The flesh is of rather lighter color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is remarkable, its keeping qualities are declared to surpass that of the Hubbard. Pkt. 5c, oz. 10c.

Early Bush or Patty Pan. The best early variety for market or shipping. It grows to a large size, scoloped like a Patty Pan, and bearing an abundant crop; very productive, used when young and tender. Pkt. 5c, oz. 10c, lb. 70c.



HUBBARD.

Hubbard. The best table squash yet known; good specimens being about equal in quality to the Sweet Potato. It has a hard shell, and with the same care it will keep three months later than the Marrows. Pkt. 5c, oz. 10c.



MARBLEHEAD.

SEE OUR SPECIAL OFFER ON PAGE 2

Remember that we deliver all Seeds at price quoted by pkt, ounce and pound, free to you, by mail.

TOMATO.

LIVINGSTON'S PERFECTION.

Smooth Red.

One of the oldest varieties, quite early, of medium size, of apple-shape and bright scarlet color.

Pkt. 5c, oz. 20c.

Acme. One of the best for family use; ripens evenly, of medium uniform size, round, very solid, of a pinkish color, and very productive.

Pkt. 5c, oz. 20c.



CANADA VICTOR.

Tomatoes do best on a light, warm, not over rich soil, and success depends upon securing a rapid, vigorous, unchecked, growth during the early part of the season. Sow in hot-beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves, transplant into shallow boxes, setting them four or five inches apart. Plant in open ground soon as all danger of frost is over, about 4 feet apart each way.

Canada Victor. Without a doubt the earliest in cultivation, and has proven itself to be the earliest medium to large tomato in use; color red smooth, ripening the greater bulk of the crop. The seed we offer is taken from the best specimens. Pkt. 5c, oz. 20c, lb. \$2 00.

Livingston's Perfection. A variety similar to the Paragon, but an improvement upon it, being a little earlier and invariably smooth and handsome. It is probably the handsomest tomato grown, and all who have tried it pronounce it to be of the highest quality.

Pkt. 5c, oz. 20c.

Optimus. This is a smooth tomato, uniform in size and shape, ripens evenly and is of a bright red color. The flesh is scarlet crimson, very solid, of good flavor and entirely free from core. The fruit is usually produced in clusters of five. Pkt. 5c, oz. 20c.

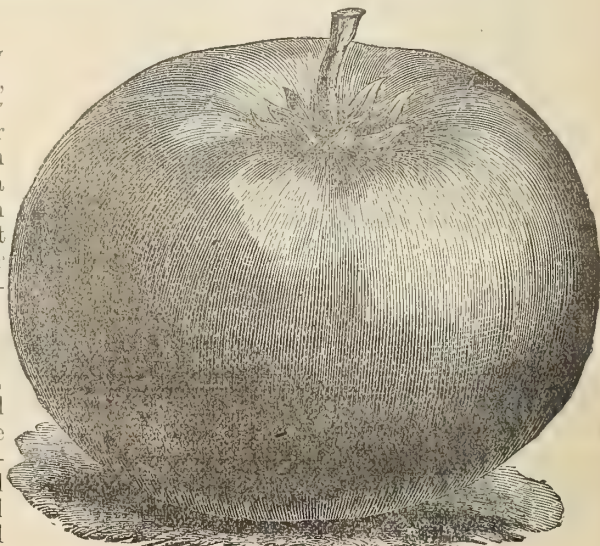
VOLUNTEER.

One of the most valuable new varieties. It is of large size, very smooth, and without any hard core or center. The color is the most desirable that can be had in a Tomato—that is a dark rich shade of scarlet crimson. Very early and abundant bearer. A grand sort for either family use, for market or canning it cannot be excelled.

Pkt. 5c, oz. 25c. lb. \$3,00

GOLDEN TROPHY.

Like the well known Red Trophy in shape, but of a pure golden yellow color. The tomatoes are of a large size and solid; very productive and sweeter than any of the red varieties. Pkt. 5c, oz. 25c.



VOLUNTEER.

TOMATO.

Dwarf Champion. One of the most distinct and valuable tomatoes of recent introduction, dwarf and compact in growth, growing stiff and up wright, with thick jointed stems, and foliage unlike any other. Color, bright rich scarlet. Perfectly round and smooth; symmetrical in shape, ripening close around the stem. It matures fruit ready to market early as July 1st. Pkt. 5c, oz. 25c.

Livingston's Favorite. Smoother than the Paragon, does not crack or rot as most others do, and a darker red than Perfection; ripens evenly and early; very prolific, good flavor, flesh solid and bears shipping well. Pkt. 5c, oz. 20c.

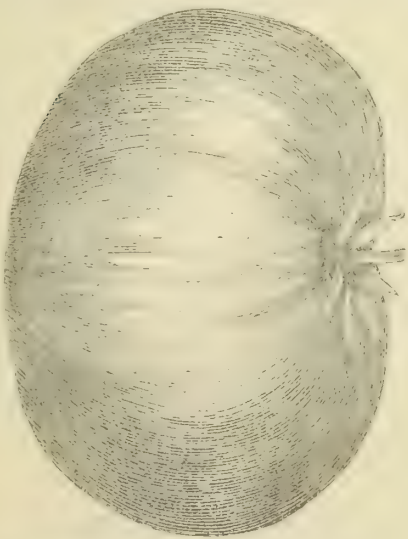
Paragon. Vine very large, vigorous, productive and continuing so until killed by frost. Fruit large, round and of a very dark, rich carmine-scarlet color, with occasionally a purplish tinge. It ripens evenly, flesh thick and fine flavored. Pkt. 5c, oz. 20c.



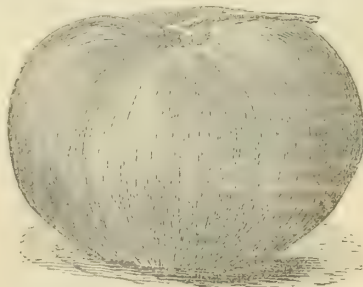
Red Trophy. The best for main crop and undoubtedly is the best variety that has yet been brought into use. It is of a very large size, uniformly smooth and well formed; solid to the center, and very heavy. The seed we offer is of our own growth and the best specimens selected for seed. Pkt. 5c, oz. 20c, lb. \$2 20.

MIKADO. The largest variety in cultivation and the most distinct and valuable Tomato ever introduced. Notwithstanding that it produces very large fruit. The Tomatoes are produced in immense clusters, they are perfectly solid, generally smooth, but sometimes irregular. The color is purplish red. Single fruits of this variety frequently weigh from 1 to 1½ pounds each. Foliage distinct from any other variety. Pkt. 5c, oz. 25c.

Mikado or Turners Hybrid.



Essex Hybrid. Solid, rich flavored, large in size, grows perfectly smooth and is very productive. Color is of a bright pink. It always ripens all over alike, having no green spots around the stem. Pkt. 5c, oz. 25c.



EARLY PARAGON.

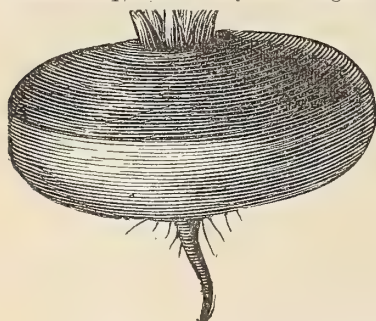
TOBACCO SEED

Havanna. From pure Cuban-grown seed. When grown in this country it commands a high price for cigar stock. Pkt. 5c. oz. 30c.

Lancaster Co. Broadleaf. For cigar stock this one is the very best, and is more grown than any other in Lancaster Co. Pa. Pkt. 5c. oz. 25c.

TURNIP.

For early use, sow early as the ground opens in the spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows; soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slacked lime, or Slug Shot to destroy the black fly, which will devour the plants if not attended to in time. For a fall and winter crop, sow in July and August.

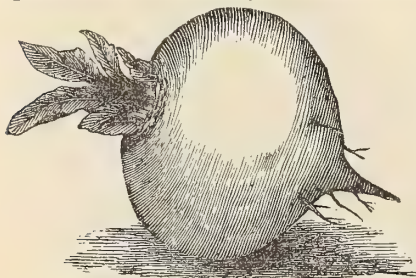


PURPLE TOP STRAP LEAF.

PURPLE TOP. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper. Pkt. 5c, oz. 10c, lb. \$1 00.

WHITE FLAT DUTCH. A very popular market variety. Grows quickly, comes early, clear white skin and flesh of juicy, mild flavor and excellent quality. Pkt. 5c, oz. 10c, lb. \$1 00.

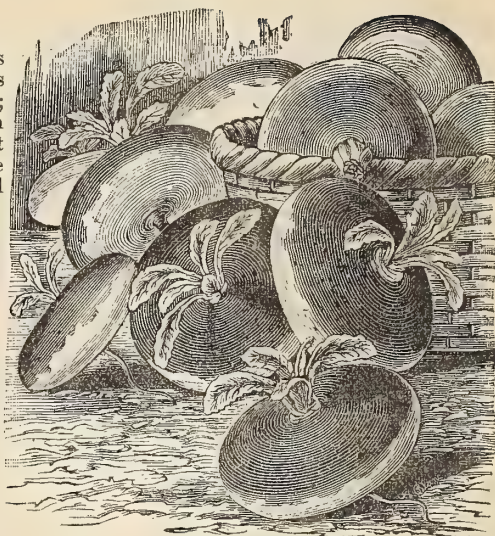
WHITE GLOBE. This is one of the most productive kind; in good rich soil, the roots will frequently grow to weigh twelve pounds; it is of



WHITE GLOBE.

the most perfect globe shape; skin, white and smooth; leaves, dark-green and of a strong growth. Pkt. 5c, oz. 10c, lb. \$1 00.

YELLOW ABERDEEN. Round form, very nutritious and a good keeper. Popular for cattle feeding, and also adapted for table use late in the winter. Pkt. 5c, oz. 10c, lb. \$1 00.



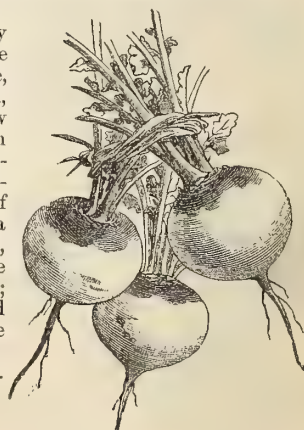
WHITE FLAT DUTCH.

PURPLE TOP Ruta Bega. The leading market variety, and principally grown for stock as well as for family use. Hardy, productive, flesh yellow, solid, sweet, fine-grained, and of good flavor. Pkt. 5c, oz. 10c, lb. \$1 00.

SWEET GERMAN Ruta Bega. Bulb four or five inches in diameter and six or seven in depth; neck two or three inches long; skin greenish-brown above ground, white beneath; very sweet, mild, well-flavored; retains its solidity and freshness until spring. Pkt. 5c, oz. 10c, lb. \$1 00.

LARGE YELLOW GLOBE TURNIP.

This variety grows to a large size, handsome, globular shaped, color pale yellow with greenish top, leaves rather small and spreading. One of the best for a general crop, either for table use or stock; keeps hard and brittle until late in the spring. Pkt. 5c, oz. 10c, lb. 75c.



HERBS.

No garden is complete without a few herbs for culinary or medical purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely entirely excluded from the air. Sow in the spring, in shallow drills, one foot apart and when well up thin out or transplant a proper distance apart.

Basil, Sweet. The leaves and tops of the shoots are the parts gathered and are used for highly seasoned dishes, as well as in soups, stews and sauces.

Packet, 5 cts.

Marjoram, Sweet. The leaves and ends of the shoots are highly esteemed for seasoning, both in summer and dried for winter use.

Pkt. 5 cts.

Rosmary. (*Rosmarinus Officinalis*). An aromatic ornamental herb, of which the leaves are used for seasoning. 5 cts.

Sage (*Salvia officinalis*). The most extensively used of all herbs for seasoning and dressing. Pkt. 5 cts. oz. 15 cts.

Summer Savory (*Satureja hortensis*). A hardy annual, the dried stems, leaves and flowers for which are extensively used for flavoring, particularly in dressings and soups. Pkt. 5 cts. oz. 15 cts.

Thyme (*Thymus vulgaris*). The leaves and shoots are used for seasoning; a tea is also made of the leaves, which is a popular remedy for nervous headache. Packet 5 cts.

New Japanese Buckwheat.

Sown the same day the Silver Hull, it ripens a week earlier and yielded almost as much again. From 1 grain planted in a garden the product was 850 ripe kernels. The kernels are at least twice the size of those of any other variety; in color they are of a rich, dark shade of brown. The flour made from it is equal in quality to that of any other buckwheat, while it is much more productive than any other and succeeds well as far north as New Hampshire. As the straw is heavier and branches more, it does not need to be sown as thickly as other kinds. Pkt. 10 cts. lb. 35 cts. 2 bus. sack \$3 50 4 bus. \$6 00.



Mammoth Russian Sunflower.

These Mammoth Sunflower heads measure 12 to 20 inches in diameter and contains an immense quantity of seed, which is highly valued by all farmers and poultry breeders, who have tried it as an excellent and cheap food for fowls. They eat it greedily, fatten well on it and obtain a bright, lustrous plumage and strong, healthy condition, better than on almost any other food. It is the best egg producing food known for poultry. It can be raised cheaper than corn and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste piece of ground, at any time from Spring up to the middle of July. It is a wonderful improvement over the old native sunflower and besides the great value of the seed as poultry and stock food, its strong, thick stalks can be properly used as fuel. Three quarts of seed will plant one acre. The seed is also recommended as an excellent food for horses. Pkt. 5 cts. oz. 10 cts. lb. 30 cts.

Grass Seed for Lawns.

THE LAWN. The essentials for a fine lawn are proper drainage, a careful preparation of the soil, which should be made as fine and light on the surface as possible, thorough rolling and a selection of the seeds of such grasses as will present a luxuriant verdure from early in spring till late in autumn; mow frequently during the summer with a lawn mower.



Fairmount Park Lawn Mixture.

This is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under our hot midsummer sun and remains in that condition until the cool months of autumn revive them. The mixture we offer has stood the test for years and our rapidly increasing sales prove conclusively that its merits are becoming widely known by those who recognize the inalienable law of cause and effect; who realize that, in order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. The temptation is strong to include in mixtures the "cheap and impure," but in Philips' Fairmount Park Lawn Mixture, one grade—and that the highest—is rigidly adhered to. For Railroad Embankments, Lawns, Terraces, etc., Philips' Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a thick turf that will effectually prevent "washing." Pint 15c. qt. 25c. \$4 00 per bu. of 20 lbs.

Grass seeds continued,

Fancy Cleaned Kentucky Blue Grass. Also known as June Grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass is indispensable. It thrives in dry soil and retains its verdure during the hottest weather. This grade is the best for sowing lawns. Pint 15c. qt. 25c. peck \$1 00.

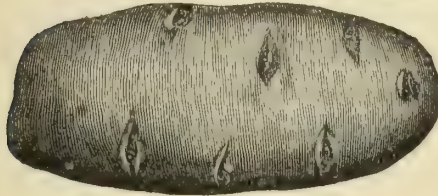
White Dutch Clover. (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees. Pkt. 15c. lb. 40c.

POTATO.

Our Seed Potatoes are all "Northern Grown," from specially-selected tubers and are guaranteed to be as pure stock as any in the market. Potatoes grown in this way, with so much care, necessarily cost more, but it is absolutely indispensable to the farmer to be sure, when he is getting a change of seed, that he gets only the best. The results in increased vigor of growth, yield and earliness of maturity will be speedily apparent.

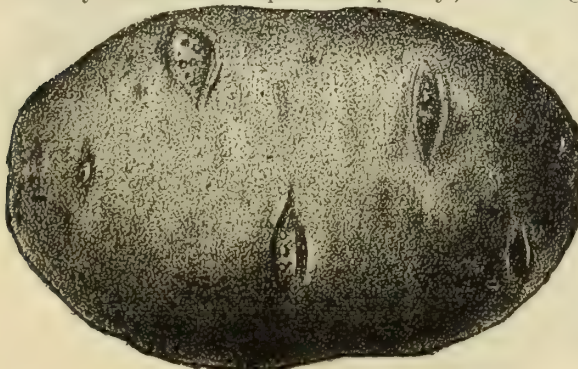
Prices subject to variation. We deliver all Potatoes into the hands of transportation companies safely packed; after that our responsibility ceases. Purchasers must take all risks, from freezing or heating, as we assume no risks on Potatoes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. Remember we make no charges for boxes, barrels or cartage, but deliver F. O. B. Mercersburg, Pa. at prices quoted.

"BILL NYE." This is a valuable new white kidney variety. It is a cross between "Beauty of Hebron" and the "Bell." It is very smooth and handsome, well studded with eyes, which are unusually shallow for a late potato. It is a vigorous grower, of first-class quality and an enormous cropper. The tubers are easily dug, as they lie compact in the hill. Last, but the most notably, they are the best keepers we have



ever seen. They can be kept in any ordinary cellar temperature until July following without sprouting. The "Bill Nye" is similar in shape and general appearance of tubers to "Burpee's Superior" or "Munroe Seedling," but is entirely distinct in habit and superior for its remarkable late keeping qualities. Peck 75c. bu. \$2.

Early Puritan. A grand new white-skinned and white-fleshed sort. An immense yielder and of splendid quality; it is the greatest Potato introduced since the Early Rose. It possesses several characteristics of value. It ripens early as the Early Rose, but unlike that variety, the tubers when half grown are wonderfully dry and fit for the table. It cooks dry and floury and is equal in quality to the Snow-flake, than which there can be no higher standard to compare by. The vines also are more vigorous than those of any other early variety that we are acquainted with.

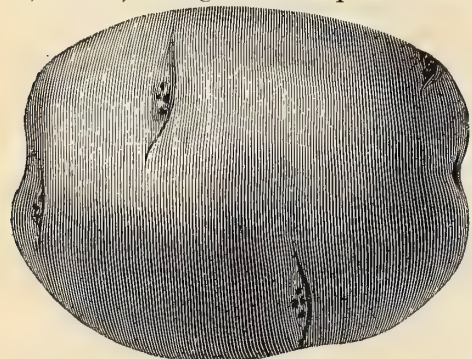


EARLY PURITAN.

Price per peck, 50c. bu. \$1 50.

POTATO, Continued.

CHAS. DOWNING. A new potato having sterling merits, hardy, possessing the very highest quality for eating. One of the most promising of the new varieties, of oval, oblong form and pure white. This potato is about ten days earlier than the Early Rose. Enormously productive. Peck, 60c. bu. \$1 75.



CHAS. DOWNINGS.

betokening good quality. Peck, 65c. bush, \$2 00.

White Star. A medium early variety of the very best quality and appearance. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed. Large, oblong, uniform-sized tubers, remarkably productive; excellent for its keeping qualities. Peck, 50c. bush \$1 50.

St. Patrick or Burbank. One of the handsomest varieties in cultivation being exceedingly smooth and regular, with very few and shallow eyes. It is oblong in shape, a large yielder and of the finest quality. Peck, 50c. bush, \$1 50.

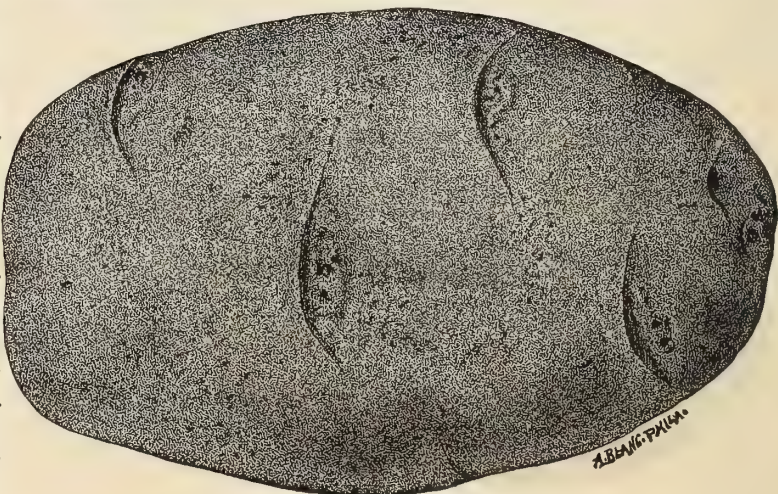
LATE PURITAN. The "Early Puritan" Potato, which was introduced four years ago, has probably attained a wider distribution and greater popularity on both continents than any other new variety since the "Early Rose." In the "LATE Puritan" we have a Potato which is identical with the "Early Puritan" in appearance, color and quality, but far more productive. The "LATE Puritan" is certain to become a standard main crop sort. Peck, 75c. bush, \$2 50.

Empire State.

A main crop variety, wonderfully productive. The skin is white and smooth, flesh pure white, of fine flavor and cooks very evenly. Peck, 50 cts. bushel, \$1 50.

Blue Victor.

This is one of the very heaviest growing potatoes in cultivation. It seems to be entirely free from rot and is one of the very best keepers. Tubers nearly round, skin blue, flesh white. Peck 50c.



LATE PURITAN POTATO.

SPECIAL BULK PRICE LIST OF BEANS, PEAS AND SWEET CORN

For Market Gardeners and other large Buyers. In the general list of Vegetable Seeds, all our prices per package or ounce include Prepayment by mail to any Post Office. Below we quote special low prices on Beans, Peas and Sweet Corn, by the half peck and peck for less quantity see general list. At these prices we make no charges for Bags or Boxes, and deliver to Express or Freight office—the purchaser to pay transportation charges upon receipt of goods.

BEANS - Dwarf, Bush or Snap. See Pages 5 to 7

| | 4 Quarts | Peck | Bushel |
|--|----------|--------|--------|
| Extra Early Red Spreckled Valentine..... | \$0 75 | \$1 25 | \$4 50 |
| Early Red Eyed China..... | 60 | 1 10 | 4 00 |
| “ Long Yellow Six Weeks..... | 65 | 1 15 | 4 20 |
| “ Improved Golden Wax..... | 80 | 1 35 | 5 00 |
| “ White Wax..... | 85 | 1 40 | 5 25 |
| “ Mohawk..... | 60 | 1 10 | 4 00 |
| German Black Wax..... | 80 | 1 35 | 5 00 |
| New Golden Eyed Wax..... | 80 | 1 35 | 5 00 |
| Dutch Case Knife. — Pole..... | 1 00 | 1 50 | 5 50 |
| Giant Wax. Red Seeded, — Pole..... | 1 20 | 2 25 | 8 25 |
| Large White Lima. — Pole..... | 1 00 | 1 75 | 6 50 |

PEAS. see Pages 26 and 27

| | | | |
|-------------------------------|----|------|------|
| Philips' First and Best..... | 60 | 1 00 | 3 75 |
| Early Tom Thumb..... | 80 | 1 35 | 5 00 |
| Early Premium Gem..... | 70 | 1 15 | 4 25 |
| Bliss' American Wonder..... | 80 | 1 35 | 5 00 |
| Bliss' Ever Bearing..... | 60 | 1 00 | 3 75 |
| McLeans Little Gem..... | 70 | 1 15 | 4 25 |
| Bliss' Abundance..... | 60 | 1 00 | 3 75 |
| Philadelphia Extra Early..... | 55 | 90 | 3 25 |
| Champion of England..... | 65 | 1 10 | 4 00 |
| Carter's First Crop..... | 55 | 90 | 3 25 |
| Dwarf Sugar..... | 90 | 1 70 | 6 00 |
| Large White Marrowfat..... | 50 | 80 | 2 75 |

CORN, Sweet or Sugar.

| | | | |
|--------------------------|----|----|------|
| Early Minnesota..... | 50 | 90 | 3 25 |
| Extra Early Cory..... | 50 | 90 | 3 25 |
| “ “ Marblehead..... | 50 | 90 | 3 25 |
| Stowell's Evergreen..... | 40 | 75 | 2 75 |
| Large Late Mammoth..... | 40 | 75 | 2 57 |

J. M. Philips' Sons.

General list of

Choice FLOWER SEEDS.

The following abbreviations occur in the flower seed list, viz. :

A for *Annuals* that grow, bloom and die the first year from seed.

B for *Biennials* that bloom the second year from seed and then die.

P for *Perennials* usually bloom 2nd year from seed, continues to grow and bloom years.

H indicates they are *Hardy*. *H H* half hardy. *T* indicates they are *Tender*.

Remember, Flower Seeds by Mail Post-paid.

Premiums.—Purchasers may, for \$1, select seeds in packs to the value of \$1.25 at Catalogue prices. This discount is only for seeds in packets.

Abutilon.

Flowers freely during the Winter and Spring month in house and during summer when bedded out; the flowers are bell-shaped and in the varieties are to be found crimson grounds, streaked with yellow; yellow grounds, veined red; pure white and clear yellow.

Can be propagated by cuttings, in sand under glass during summer. If seeds are sown before April, under glass, plants will bloom the first season. For winter flowering, sow seed in August or September. Perennials; height 2 to 4 ft.

Abutilon finest sorts mixed. Pkt. 25c.



Acroclinium.

(Ever-lasting.)

Beautiful ever-lasting flower grown extensively for winter bouquets and ornaments; native of Western Australia; color of flowers rose and white, daisy like in appearance and born on stems 15 inches long. To preserve the flowers, they should be picked off before they are fully open, to secure a bright center when dried.

Acroclinium, mixed colors.

5c.



ACROCLINIUM.

Adonis.

Sometimes called Flos Adonis and Pheasant's Eye. The foliage is fine and pretty, the flowers brilliant scarlet. They will do well in partial shade, and may be planted in any retired corner of garden. Twelve to eighteen inches high.

Adonis, 5 cts.

Ageratum.



AGERATUM.

flowering the next season. HHA. 5 cts.

Valuable on account of the length of time it remains in bloom, and contrast of color with the more brilliant varieties. Blooms constantly all summer in the garden and, if removed to the green-house, will bloom all winter. Sow in house, hot-bed or green-house, from February 1st, to May 1st, transplant out into open ground in May, or sow in open ground during the summer for

ARMERIA.

Thrift, Sea Pink. Very handsome and well adapted for ornamenting rock-work and very valuable for edgings of beds and along walks. HP. 10 cts.

Alyssum.



ALYSSUM.

One of the sweetest and most useful of summer flowers. It may be used for edgings, rock-work, hanging baskets etc. Continues in bloom the entire season; free flowering and easily cultivated. HA Alyssum Sweet. Flowers white. 5c.

Amaranthus.



AMARANTHUS.

Ornamental foliage plants; very graceful and interesting. Should be used only for out bedding purposes. Sow seeds in house and plant out after May 15. Leaves red, yellow and green. (Joseph Coat) HHA. Pkt. 5 cts.

ANAGALLIS.

Interesting plants of easy culture and remarkable for the beauty of their flowers. They are well adapted to rock work or borders; they will cover the ground all summer with a profusion of bright, rich colored flowers. Plant under glass and transplant into light rich soil, in a sunny situation; HHA, six inches high, mixed colors. 10cts.

Antirrhinum.

The Antirrhinum, better known as Snapdragon, is one of the most showy border plants, blooms from very early in Spring till late in Autumn and is of easy culture. Sow in house March or April, transplant out into open ground in summer for flowering the next season. P

Twelve choice colors mixed. 5 cts.

AQILEGIA or Columbine.

This is a highly ornamental plant; fine for early bloom and of almost every conceivable variation of color. Sow the seed out in open ground May or June; transplant in October. Will bloom the second season. HP. Hybrid double mixed, 5c.



AQILEGIA OR COLUMBINE.

ASTER.

A very desirable and popular flower, of most perfect and beautiful form; very profuse bloomers; they include a great variety of rich colors. Very valuable for an autumnal display. Sow the seed early in spring, under glass or in the house; transplant into rich soil 8 to 12 inches apart each way. *HHA.*



COCARDEAU OR CROWN.

Cocardeau, or Crown. Showy flowers, very double, with white centers, bordered with bright rich colors. Eight colors, height 18 inches. 10c.

Paeony Flowered Perfection. Remarkably fine flowers. Sixteen colors, height 2 feet. 10c.



CAMELLIA FLOWERED BALSAM.

Boltze's Dwarf Bouquet. Pretty little plants of handsome form, completely covered with flowers; each plant forming a neat bouquet of 20 to 50 flowers. Fifteen colors, height 8 in. 10c.

Dwarf Chrysanthemum. Surpass all the dwarf varieties in size of flowers. They are full of large double flowers, produced in clusters of 10 to 20 on a plant. 24 colors, height 9 in. 10c.

Large-flowered Rose. Bears fine, large double flowers of great beauty. 14 colors, height 18 in. 10c.

Rose. Pure white, see description above. 10c.

German Quilled. Perfectly double quilled flowers of brilliant colors; height 18 in. 5c.

BALSAM.



BALSAM.

Improved strains of well formed favorites, forming dwarf bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn. Balsams are also called "Lady's Slipper" and "Touch-me-not"

Camellia Flowered. Very double, of perfect form; beautiful colors, mixed. 10c.

Choice French. mixed. 10c.

BRACHYCOME.

Swan River Daisy, a dwarf growing plant, flowering the greater part of the season. Suitable for edgings or rustic baskets; it requires rich soil. *HHA.* Iberidifolia, mixed. 5c.

Canterbury Bell Campanula.

Their large, bell shaped flowers are freely produced during the summer season, thus making them excellent subjects for the flower border; rich color and profuse bloomer.

Double mixed. 5c. Canterbury Bell, *HB.*



CYPRESS VINE.

A very graceful climber with delicate fern-like foliage; produces masses of beautiful small star-shaped flowers. Sow seed in March transplant in open ground in May. HHA. Cypress choice colors, 5 c.



CHRYSANTHEMUM.

The growing demand for the annual varieties has brought the Chrysanthemum into general favor. The colors have the appearance of having been laid in with a brush, for this reason they are sometimes called "painted daisies." HA.

Double, choice colors mixed. 5c.

CELOSIA (*Cockscomb*).

Magnificent free flowering plants, producing their beautiful flowers in comb and feathery spikes. Seed should be sown early and transplant into rich soil in June. Fine mixed colors, 5c.

COLLINSIA.

Very pretty free-flowering plants, blooming in whorls and several whorls around each flower stem; HA, 1½ feet. All colors mixed. 5c.

DAISY (*Bellis Perennis*).

The old favorite "Double Daisy" it is much improved, with very large double variegated flowers; for edgings and dwarf beds; in the spring this is a charming plant. HHP.

Seed of finest double varieties, mixed. 10c.

FOUR-O'CLOCK.

A handsome, free-flowering garden favorite; blooming the first season from seed; treat as annuals or preserve roots in winter as Dahlias. 5c.



DIGITALIS.

(*Fox-Glove*.)

Ornamental plants of much beauty. The blossoms are thimble-shaped, handsome and stately; well adapted for shrubberies; flowers of varied colors. Hardy biennial, three feet. 5c.

HELICHRYSUM.



HELICHRYSUM (*Everlasting*.)

Large, full double flowers, of various colors, from bright yellow to scarlet, shaded and tipped. Exceedingly handsome bouquets may be formed of them for winter if blossoms be gathered when on the point of expanding. Sow early in Spring and thin the plants to one foot apart each way. HA.

Fine double mixed. 5c.

DAHLIA.

One of our best autumnal flowering plants; blooms till killed by frost; tuberous-rooted and it will bloom the first year from seed, if sown early; protect roots during winter in a dry cellar in sand. Double extra fine mixed. 10c.

FORGET-ME-NOT.

Charming little plants, very popular, producing their star-like flowers in great profusion; the Forget-Me-Not is one of the most admired flowers grown, in its delicacy and beauty. Seed sown in Autumn it will succeed best and flower early in Spring. HP. *Myosotis alpestris*. 10c.

GOURDS.

Curiously shaped fruit in various colors; Being of rapid growth; they are fine to cover old fences, trellises, stumps, etc. Do not plant the seed till all danger of frost is over and select rich melon ground. Tender annual climbers, 10 to 20 ft. 5c.



Helitrope.

Valued very highly for the fragrance of their flowers and duration of bloom. They succeed in any light, rich, soil and cuttings of the shrubby kind, taken off while young grow readily. Half hardy perennial, 1 ft. Mixed. 10c.

HELITROPE.

J. M. Philips' Sons.

CARNATION PINK.



DIANTHUS CARYOPHYLLUS.

The seed we offer has been saved from best specimens, and will produce many double fragrant flowers.

Dianthus Caryophyllus. No flower can surpass in delicacy of marking, form, or delicious fragrance, the richly hued Carnation. It has always been one of the most esteemed of the florist's collection, many being very fragrant and of all shades and colors. Sow seed under glass in greenhouse or hot-bed, when of sufficient size, transplant one foot apart each way, height $1\frac{1}{2}$ feet. *HHP.*

Fine Choice mixed, extra double. Pkt. 25c.
Double Picotee. 10c.

CLEMATIS.

Rapid-growing climbers, fine for arbors and verandas; the large-flowering varieties are handsome and are continual in bloom. Soak seed 24 h. in warm water before sowing. *HP.* 15 feet. 10c.

COBEEA Scandon.

Fancy Climber.

A fine summer climbing plant, quick growing, and bearing large bell-shaped purple flowers. Grows very fast and will grow from 10 to 30 feet. In sowing, place seeds edgewise and cover slightly.

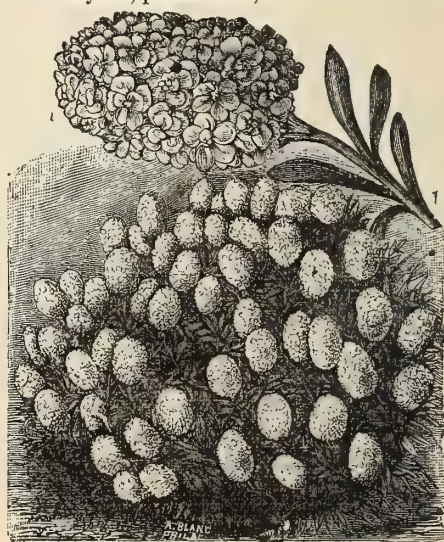


COBEEA SCANDEN. Pkt. 10cts.

CANDYTUFT.

It blooms long and freely, bearing its flowers in neat clusters, the prevailing colors purple, white etc, our mixture embrace all the finest sorts, some of which are very fragrant, mixed colors, 5c.

Candytuft, purest white, 5c.



NEW WHITE FRAGRANT CANDYTUFT.



ICE PLANT.

Trailing annuals for vases and hanging baskets. The leaves and stems are covered with ice-like drops, which glisten in the sun. *HHA.* 5c.

HIBISCUS.

Large growing plants, bearing showy flowers two to four inches across; perennial mixed. 10c.

HOLLYHOCK.

Most magnificent, producing grand spikes of flowers double as a rose; the greatest perfection in form and beautiful colors. Seed sown in June will flower the next summer. *P.* Double mixed. 10c.

HYACINTH BEAN.

A rapid growing climber, flowering freely in clusters; height 8 feet. *A.* mixed. 5c.

LANTANA.

Start in hot-bed.

A remarkable handsome, free flowering genius of plants with brilliantly changing in hue; very effective either for pot culture or summer garden; half hardy perennial. Hybrid a fine mixed. 10c.



LANTANA.

MAURANDIA.

A most beautiful climber of rapid and slender growth, producing an abundance of pretty tubeshaped flowers, which continue blooming until late in Fall. 10 feet. *h.p.* All colors mixed, 10c.

MORNING GLORY.

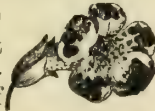
Major. Splendid climbing plants. Nothing can equal them for rapidity of growth and profusion of bloom. *h.ha.* mixed colors. 5c.

Minor. The flowers are freely and remain open all day, if pleasant; height 1 ft. mixed. 5c.

Mimulus.

(*Musk-plant.*)

Magnificent free flowering *h.p.*, of dwarf habit, and large brilliant colored flowers. They do the best in moist shady situation and will bloom the 1st year from seed. 10c.



MIMULUS.

LOBELIA.

A dwarf plant with delicate, graceful foliage and pretty; fine flowers. Of value chiefly for hanging baskets and border work. *Erinus* mixed, 10c.

MIGNONETTE.



MIGNONETTE.

A well known hardy annual producing dense, semi-globular heads of exceedingly fragrant flowers. It is in bloom nearly the whole season and the perfume is so fragrant that the whole atmosphere around is perfumed. 5c.

NASTURTIUM.

One of our most beautiful garden plants, continue to bloom until killed by frost; *h.ha.* mixed, 5c.

NIGELLIA.

This singular plant is known as Lady in the Green and Devil in a Bush, because the blossoms are part concealed by the abundance of fine cut foliage. *HA.* fl. pl. 5c



Petunia.

For out-door decoration or house culture few plants are equal to this class. Flowering early and continue a mass of bloom throughout the season; easily cultivated, requiring rich soil and a sunny situation, ha.

Blotched and Striped. Flowers with star-shaped blotches of symmetrical form, fine. 10c.

Good Mixed. A great variety of colors. 10c.

Double Mixed. Finest varieties carefully fecundated, with best double flowers. Double flowered. 25c.

PANSY.

How to grow PANSIES.

Seed may be sown in open ground in Spring or Summer, or in hot bed early in Spring. The plants should always have a cool, partially shaded situation. Pansies require fresh soil, enriched with decomposed manure. Seed sown in July will bloom late in Autumn; if sown in October, will bloom the following Spring.



PEAS, (sweet.)

No praise is needed for these lovely, deliciously perfumed climbers. They are now "the fashionable flower" and little bunches of them worn, carried, or in vases are seen continually. HA. mixed colors. 5c.

POPPY.

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds and mixed borders. They are of easy culture and succeed in any garden soil. HA. Carnation double mixed; 5c.

PANSY.

The plants are of vigorous and even growth, the flowers are large, the colors are rich and true.

These handsome flowers are favorites with every one, not only for the brilliancy and variety of their colors, but for the durability of their bloom. We have imported our seed from the very best English, French and German florists and can recommend it highly.

New Superb. This we believe to be the finest strain of English Fancy in cultivation, saved from the finest named and seedling sorts. Pkt. 25c.

Extra Large Flowering, mixed. Pkt. 25c.

German, mixed colors. Pkt. 10c.

Pansies in mixed colors, from the above and other equally beautiful varieties—the grandest mixture ever offered. Pkt. 10c.

PINK, DIANTHUS.

The family of Dianthus is far the most useful of all biennials, for beauty

and variety, our collection cannot be surpassed for their beauty. The double varieties with their rich colored flowers are profuse bloomers all summer.



Dianthus Laciniatus.

(Double fringed Pink.)

Large, double, showy flowers, with fringed edges, mixed, various colors and beautiful striped. 10c.

Chinese Pink.

(Double China, fl. pl.)

This species is a biennial of dwarf habit; flowers the 1st year, but the bloom is stronger the second. The colors rich and in large beds, you hardly find two alike. 10c.

Double Imperial Pink.

(Dianthus Imperialis, fl. pl.)

A superb double variety, all colors mixed. 1c.

Chinese, Heddewigii.

(Double Japan Pink.)

Flowers very large and double, nearly three inches in diameter, of various shades of the most brilliant colors mixed. 10c.

Heddewigii Alba. Extra fine, large, pure white flowers, very double. 10c.

Double Dianthus Pink. This embraces seed saved from extra double flowers of above kinds; colors varying from the richest velvety crimson to the most delicate rose, all colors mixed, 10c.

Culture of Pinks. Sow early, in boxes, in the house or hot-bed, or in open ground in May; transplant eight inches apart each way. By removing the faded flowers, the bloom is much improved in quality and duration.

Phlox Drummondii.

For a splendid mass of colors and a constant display the Phlox is not excelled by any other annual. The colors range

from the purest white to blood red or crimson. For masses of separate colors and for cutting of bouquets for vases they are unsurpassed. The seed may be planted in

the open ground in May, or in hot-bed or house earlier and afterward transplant.

Phlox Drummondii, mixed. 10c.



Portulacca.

There are scarcely any flower in cultivation that make such a dazzling display of beauty

as a bed of many hued brilliant colored Portulacas. They are in bloom from about the first of July until killed by frost in Autumn. The

double varieties of this plant are most beautiful. The blossoms are about one and one-half inches across.

Portulacca, single mixed colors. 5c.

Portulacca, double mixed colors 10c.





PRIMULA Sinensis.

CHINESE PRIMROSE.

The "Chinese Primrose" is a great favorite for winter blooming; the following is pretty and attractive; the flowers borne in clusters, are perfectly charming and bloom freely all through the winter and spring. This is one of our best pot plants for winter and spring blooming.

Sow seed in rich soil, dusting a little fine earth over them; if covered too deeply, or the seed be wet and allowed to dry they will not germinate. Transplant into pots for winter. *TP*, height 6 to 9 inches.

Primula, finest varieties mixed, 25c.

SENSITIVE PLANT.



Sensitive Plant, Mimosa. 5c.

An interesting and curious plant, with globose heads of pink flowers, well known for the extreme irritability of its leaves and foot stalks, which close and drop at the slightest touch.

TA, 2 ft. high.

WHITLAVINIA.

Charming, with beautiful bell-shaped flowers. *Whitlavia Gloxinoides*. 5c.

Sweet William.

(*Dianthus Barbatus*.)

A bed of finer varieties. Sports into an endless variety of colors, which make a bed of beauty. The plants will bloom several years. Hardy perennial; one and a half feet high.



Sweet William, fine mixed. 5c.

SALPIGLOSSIS.

Ornamental autumn blooming annuals with curiously penciled and marbled funnel-shaped flowers. Blooms from August till October. *TA*.

Salpiglossis, hybrid dwarf mixed, 10c.

Stocks.

For brilliancy, variety of color, profusion and duration of bloom they are unsurpassed; adapted equally well for massing or pot culture.

The Ten Weeks Stocks are the variety mostly cultivated; they generally bloom in ten or twelve weeks after sowing the seed, they have flowers of much beauty and fragrance; *HA*, one foot high.

German large flowering Ten Week Stocks, fine varieties mixed. 10c.



WILD FLOWER GARDEN.

Mixed Seed, embracing many varieties of pretty Annual Flowers. Useful for Woodland Walks Road-sides; &c.

Wild Flower Garden, mixed. 10c.

VERBENA.

No plant is more generally cultivated, or more sought after than the Verbena and no plant excels it for masses in beds on the lawn. In the varieties may be found every color except yellow. They flower perfectly well from seed sown in spring. *T P*, one ft. high.



Verbena, hybrid fine colors mixed 10c.
" " pure white. 10c.

VIOLT.



VIOLET.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume the whole room. Violet an emblem of faithfulness; hardy perennial, four inches high.

Violet odorata. 10c.

ZINNIA.

The Zinnia is one of our most showy plants, easy of cultivation; so handsome that it will always be popular. The double sorts usually grow about two feet high, producing flowers of many colors, almost as double as the Dahlia.

Zinnia double large flowering and striped varieties. Fine colors mixed.



ZINNIA.

10c.

FLOWER SEEDS

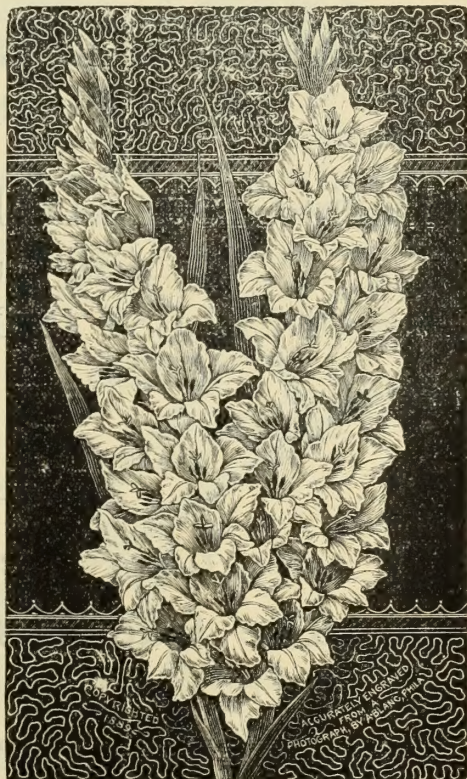
Special offer, **FLOWER SEEDS** in Packets by mail Post-paid for 25 cents.

| | |
|---------------------------------------|------|
| Alyssum Sweet, flowers white..... | 5c. |
| Aster, resembling a double rose..... | 10c. |
| Candytuft, Iberis sweet scented..... | 5c. |
| Mignonette, sweet large flowered..... | 5c. |
| Pansy, choice seed, fancy colors..... | 10c. |
| Phlox Drummondii mixed..... | 10c. |
| Sweet Peas, fancy climbers..... | 5c. |
| Total..... | 50c. |

We send these all for 25 cents to introduce our seeds more thoroughly.

Snow-white Gladiolus Bulbs.

This is the best white Gladiolus ever offered to the public, in purity, form, substance and size, it is unsurpassed. Price 35c. each, doz. \$3 25.



NEW GLADIOLUS
"Snow-white."

A WONDERFUL DISCOVERY

The Oderless

BUG KILLER

It knocks the Striped Bug every time.

It Kills Rose,

Melon,

Tomato,

Striped Squash,

Cucumber and

Potato Bugs.

Cabbage Bugs, Worms, Grubs, & the Curculio, the
destroyer of the Plum Trees.

Paris Green is a Deadly POISON!

DON'T USE IT

THE ODERLESS IS PERFECTLY HARM-
LESS TO PERSON

It is CHEAPER,

CLEANER,

HEALTHIER,

GROUND FINER,

WILL GO FARTHER,

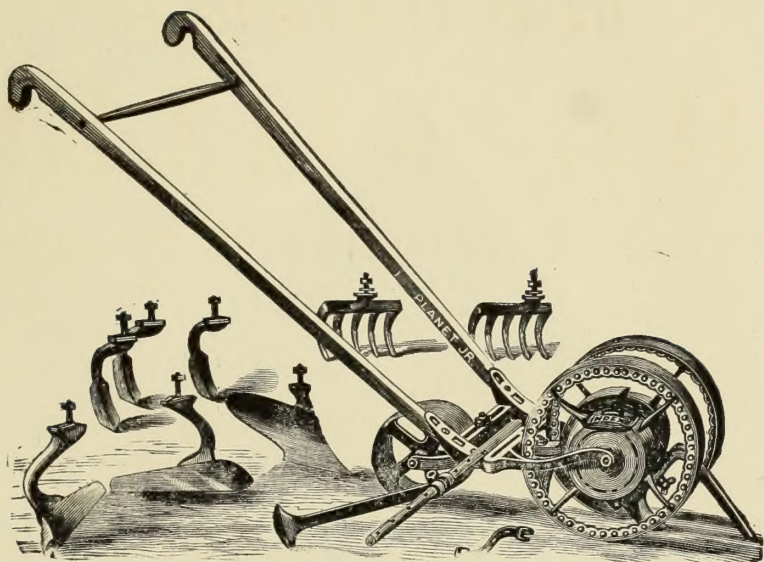
And is Death to Bugs of ever kind.

The Oderless Bug Killer

IS PUT UP IN 5-LB. SACKS AND IS SOLD AT

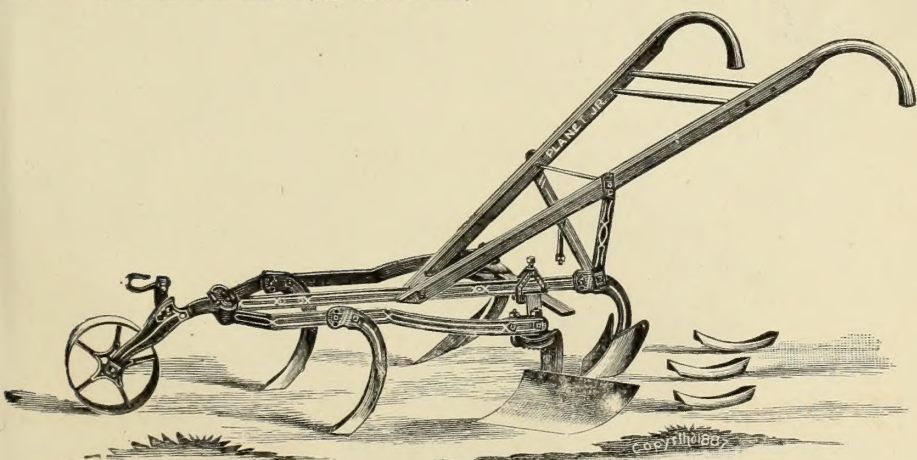
Twenty - Five - Cents a Sack.

For Sale by Merchants.



The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake & Plow.

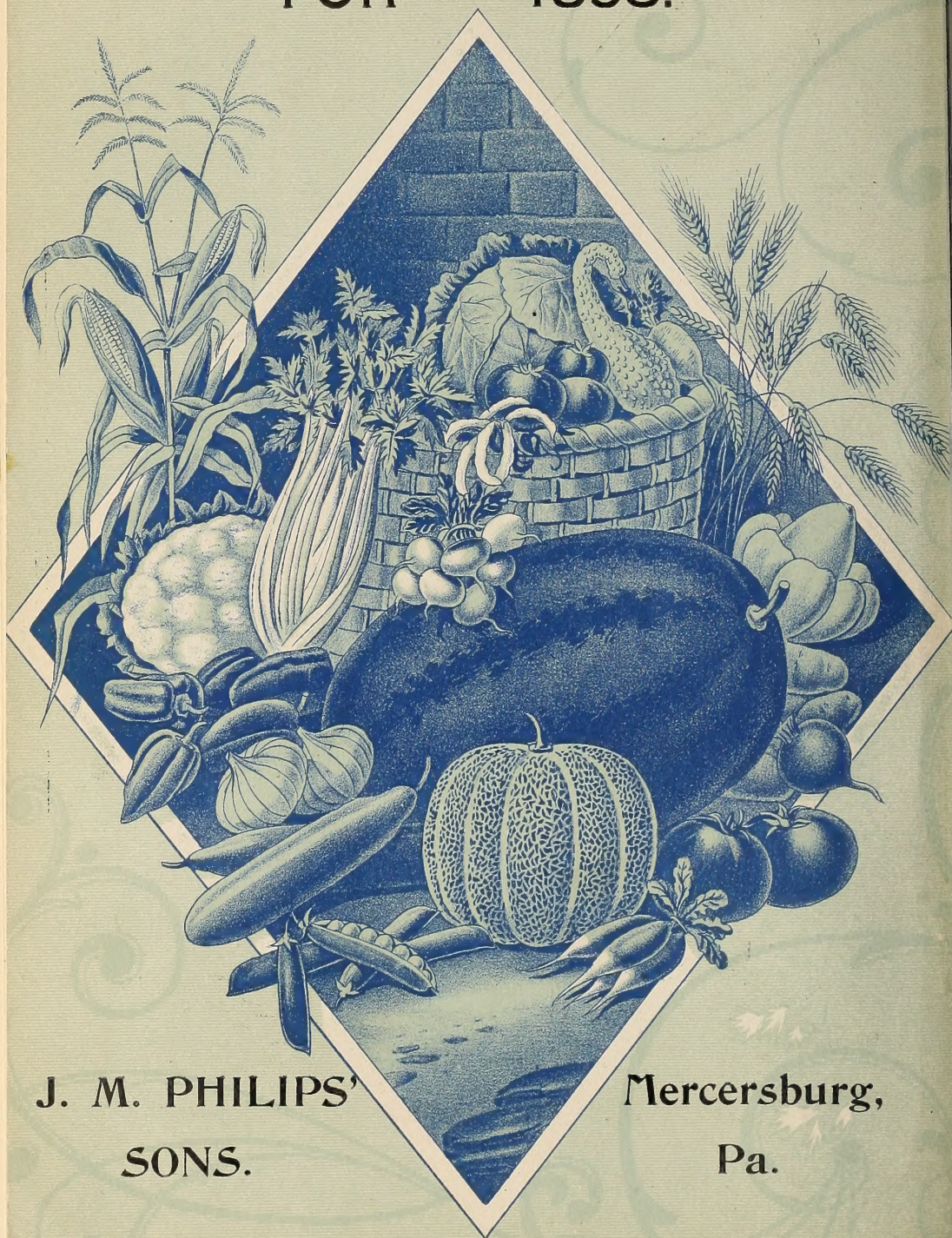
Any person who wishes to purchase a Garden Seed Drill, Wheel Hoe, Cultivator, Plow, Horse Hoes Cultivators and Covers, Celery Earther and Potato Diggers, should send to us for the "PLANET JR." implement CATALOGUE.



The "Planet Jr." Hollow Steel Standard Horse Hoe and Cultivator.

Choice Flower and Vegetable Seeds.

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